

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

April 13, 2007

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Federal 9-24-9-18

Federal 11-24-9-18

Federal 13-24-9-18

Federal 15-24-9-18

Dear Diana:

Enclosed find APD's on the above referenced Deep Gas Wells. The Federal 11-24-9-18 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
APR 16 2007
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

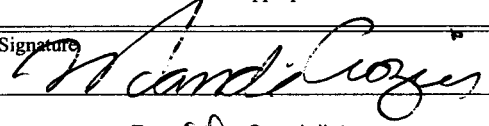
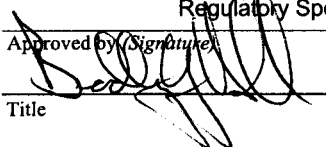
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-67549
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 13-24-9-18
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SW 713' FSL 489' FWL 598235X 40.011204 At proposed prod. zone 44294254 -109.849035		9. API Well No. 4304739212
10. Field and Pool, or Exploratory Eight Mile Flat 590		11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 24, T9S R18E
14. Distance in miles and direction from nearest town or post office* Approximatley 22.4 miles southeast of Myton, Utah		12. County or Parish Uintah
13. State UT		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 489' f/lse, NA f/unit	16. No. of Acres in lease 280.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 2,945'	19. Proposed Depth 13,175'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4921' GL	22. Approximate date work will start* 3rd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/13/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-18-07
Title ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action Is Necessary

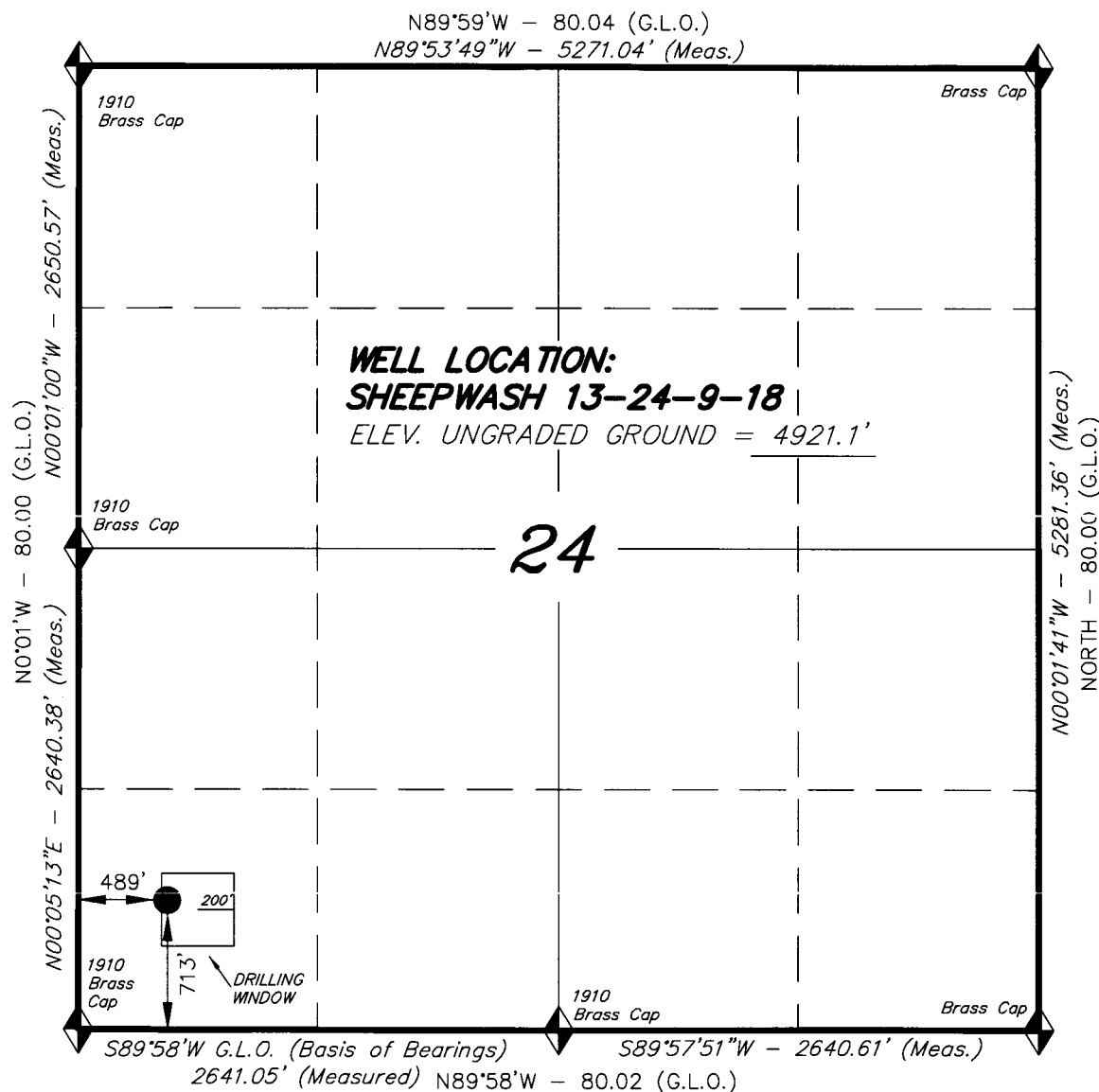
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APR 16 2007

DIV OF OIL, GAS & MINING

T9S, R18E, S.L.B.&M.

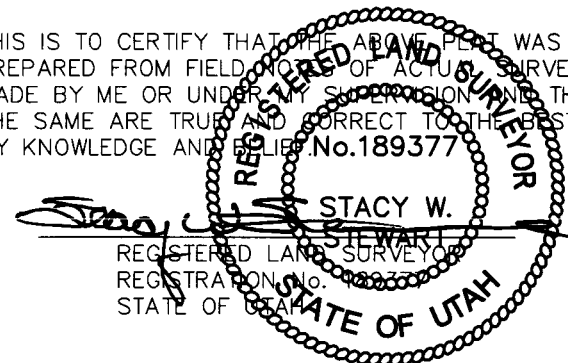
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, SHEEPWASH
13-24-9-18, LOCATED AS SHOWN IN
THE SW 1/4 SW 1/4 OF SECTION 24,
T9S, R18E, S.L.B.&M. UTAH COUNTY,
UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (UTELAND BUTTE)

SHEEPWASH 13-24-9-18
(Surface Location) NAD 83
LATITUDE = 40° 00' 39.95"
LONGITUDE = 109° 50' 58.84"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-04-06	SURVEYED BY: C.M.
DATE DRAWN: 10-10-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
FEDERAL #13-24-9-18
SW/SW SECTION 24, T9S, R18E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Green River	1,300'
Wasatch	5,745'
Mesaverde	9,325'
TD	13,175'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River (Douglas Creek) (Oil)	4,420' – 5,745'
Wasatch (Gas)	5,745' – 9,325'
Mesaverde (Gas)	9,325' – 13,175'

Fresh water may be encountered, but would not be expected below about 600'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. PROPOSED CASING PROGRAM

a. Casing Design

Description	Interval		Weight (lb/ft)	Grade	Coupling	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Design Factors		
	Top	Btm							Burst	Collapse	Tension
Conductor 13-3/8"	0'	200'									
Surface 8-5/8"	0'	4,000'	32.0	J-55	STC	8.33	8.33	13.0	1.75	1.99	2.91
Prod 4-1/2"	0'	13,175'	13.5	P-110	LTC	10.0	10.5	N/A	2.33	2.00	1.90

Assumptions:

- 1) Surface casing MASP = (frac gradient + 1.0 ppg) – gas gradient
- 2) Interm casing MASP = frac gradient – fresh water gradient
- 3) Prod casing MASP (production mode) = reservoir pressure – gas gradient
- 4) All collapse calculations: assume fully evacuated casing = mud weight – gas gradient
- 5) All tension calculations assume air weight

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cement Design

Job	Fill	Description	Sacks	OH Excess	Weight (ppg)	Yield (ft³/sk)
			ft³			
Conductor	200'	Class G + 3% CaCl ₂	181 211	30%	15.8	1.17
Surface Casing Lead	3,000'	Prem Lite II + 3% KCl + 2% bentonite	493 1609	30%	11.0	3.26
Surface Casing Tail	1,000'	Class G + 2% CaCl ₂	458 536	30%	15.8	1.17
Prod Casing Lead	2,500'	Prem Lite II + 3% KCl + 2% bentonite	227 740	30%	11.0	3.26
Prod Casing Tail	8,230'	50/50 Poz Class G + 2% bentonite	1953 2421	30%	14.3	1.24

Note: Actual volume pumped will be 15% over caliper log

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface

cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The Company's Class III (3) 5M minimum specifications for pressure control equipment for this exploratory Mesaverde well are as follows:

A 5000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and an annular preventer per **Exhibit C**.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Annular Preventer - The annular shall be rated to a minimum 5000 psi WP, if one set of pipe rams is installed, and shall be installed at the top of the stack. A valve rated to full annular WP shall be mounted on the closing side using XX heavy fittings.

Rams and Position - The lower cavity shall contain pipe rams (master ram) to fit the upper section of the drill pipe in use. Casing rams are not required. The upper cavity shall contain blind rams for a 2 ram stack. A means shall be available to mechanically lock the rams closed.

BOP Side Outlets - The choke and kill lines outlets shall be a minimum 2 inches nominal and can be either in the BOP body between the rams or in a spool placed between the rams. Two gate valves rated to full BOP WP shall be installed on both outlets. The outside choke line valve shall be hydraulically operated.

Choke and Kill Lines - The lines shall be a minimum 2 inches nominal, made of seamless steel, seamless steel with Chiksan™ joints, or armored fire resistant hose rated to required BOP WP. The choke line shall be as straight as possible, and securely anchored. All turns shall be 90 degrees and "targeted." When hoses are used, they shall have a rated test pressure of at least 1.5 times the required BOP WP.

Secondary Kill Outlet - One outlet located below the lower rams either on the BOP stack or on the wellhead shall be fitted with two valves, a needle valve with adapter and pressure gauge, all rated to wellhead WP or greater. This outlet is not to be used in normal operations.

Closing Methods - At least three means of operating all the preventers shall be provided, consisting of any combination of the following:

- a. An air and/or electrically operated hydraulic pump(s) capable of closing one ram preventer in 30 seconds.
- b. An accumulator capable of closing all preventers and opening the hydraulic choke line valve, without requiring a recharge.
- c. Manual method with closing handles and/or wheels to be located in an unobstructed area, away from the wellhead, or additional equipment per item "a" and item "b" to provide full redundancy to method.
- d. Bottled nitrogen or other back-up storage system to equal accumulator capacity, manifolded to by-pass the accumulator and close the BOP directly.

Hydraulic Closing Unit - The closing unit shall be equipped with:

- a. A control manifold with a control valve for each preventer and hydraulically operated valve; a regulator for the annular preventer; and interconnected steel piping. Each blowout preventer control valve should be turned to open position during drilling operations.
- b. Control lines to BOPs of seamless steel, seamless steel lines with Chiksan joints, or fire resistant steel armored hose.
- c. A remote control panel from which each preventer and hydraulic valve can be operated. If the remote panel becomes inoperable, it shall not interfere with the operation of the main closing unit.

Location - For land locations, the hydraulic closing unit shall be located in an unobstructed area outside the substructure at least 50 feet from the wellhead and the remote panel shall be located near the driller's position. For offshore installations, the location of the closing unit and remote panel shall be such that one is located near the driller position and the other is located away from the well area and is accessible from a logical evacuation route.

Choke Manifold - The minimum equipment requirements are shown in **Exhibit C**. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Connections - All components of the manifold shall be equipped with flanged, studded, clamped hub or equivalent proprietary connections (gauge connections exempted).

Flow Wings - Three flow wings shall be provided, capable of transmitting well returns through conduits that are a minimum 2 inches nominal. Two wings shall be equipped with chokes and one gate valve upstream of each choke; one gate valve ahead of the discharge manifold; and one valve downstream of each choke; at least one choke shall be adjustable. A gate valve shall be installed

directly upstream of the cross if single valves are installed upstream of the chokes. One wing with one gate valve capable of transmitting well returns directly to the discharge manifold. The chokes, the valve(s) controlling the unchoked discharge wing, and all equipment upstream of these items shall be rated to required BOP WP.

Discharge Manifold - A discharge manifold (buffer tank), capable of diverting well returns overboard or to the blowdown/reserve pit; to the mud gas separator; and to the shaker tank is required. Lead-filled bull plugs (or equivalent erosion resistant components) shall be installed in the discharge manifold directly opposite the choked wings.

Pressure Monitoring - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Mud Gas Separator - An atmospheric or low pressure separating vessel for handling gas cut returns shall be provided. It shall be equipped with gas vent lines to discharge gas at least 150 feet from the rig in downwind direction. Venting above the crown is an acceptable alternative.

Mud System Monitoring - The rig shall be equipped with stroke counters for each pump; continuous recording pit level indicator and totalizer with audible alarm to monitor volume of all active pits; and a continuous recording mud return indicator with audible alarm. For possible H₂S wells, gas detection equipment shall be provided.

Drillstring Control Devices - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

Auxiliary Equipment - A kelly saver sub with casing protector larger than tool joints at top of drillstring (for kelly equipped rigs); a wear bushing or wear flange to protect the seal area of the wellhead while drilling; and a plug or cup type BOP test tool shall be provided.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 5M system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to $\pm 4000'$ will be drilled with fresh water or an air/mist system, depending on the drilling contractor's preference. From 4000' to TD, fresh water or a fresh water-based mud system will be utilized. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated maximum mud weight is 10.5 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

None unless dictated by unanticipated well conditions.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

a. **Logging Program:**

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DIL: TD – 4,000'

CBL: A cement bond log will be run from TD to the top of cement behind the production casing. A field copy will be submitted to the Vernal BLM Office.

b. **Cores:** As deemed necessary.

c. **Drill Stem Tests:** No DSTs are planned. It is possible that DST may be required in the Green River Formation.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures and/or pressures are anticipated in the well. Maximum anticipated bottomhole pressure will be approximately equal total depth in feet multiplied by a 0.47 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

a. Drilling Activity

Anticipated Commencement Date:	Upon approval of the site specific APD.
Drilling Days:	Approximately 40 days.
Completion Days:	Approximately 12 - 20 days.

b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours prior to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs

first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #13-24-9-18
SW/SW SECTION 24, T9S, R18E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #13-24-9-18 located in the SW 1/4 SW 1/4 Section 24, T9S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 15.3 miles \pm to it's junction with an existing dirt road to the northeast; proceed easterly - 2.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 2.6 miles \pm to it's junction with the beginning of the proposed access road; proceed southwesterly - 260' \pm along the proposed access road to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-130, 9/10/04. Paleontological Resource Survey prepared by, Wade E. Miller, 8/2/04. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 260' of disturbed area be granted in Lease UTU-67549 to allow for construction of the planned access road. Refer to Topographic Map "B". For the planned access road a temporary width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 260' of disturbed area be granted in Lease UTU-67549 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 260' of disturbed area be granted in Lease UTU-67549 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	1 lbs/acre
Indian Ricegrass	<i>Orzyopsis Hymenoides</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #13-24-9-18 was on-sited on 11/15/06. The following were present; Dave Allred (Newfield Production), Kim Kettle (Newfield Production), Charles Sharp (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-24-9-18 SW/SW Section 24, Township 9S, Range 18E: Lease UTU-67549 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4/13/07
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

Newfield Production Company Proposed Site Facility Diagram

Federal 13-24-9-18

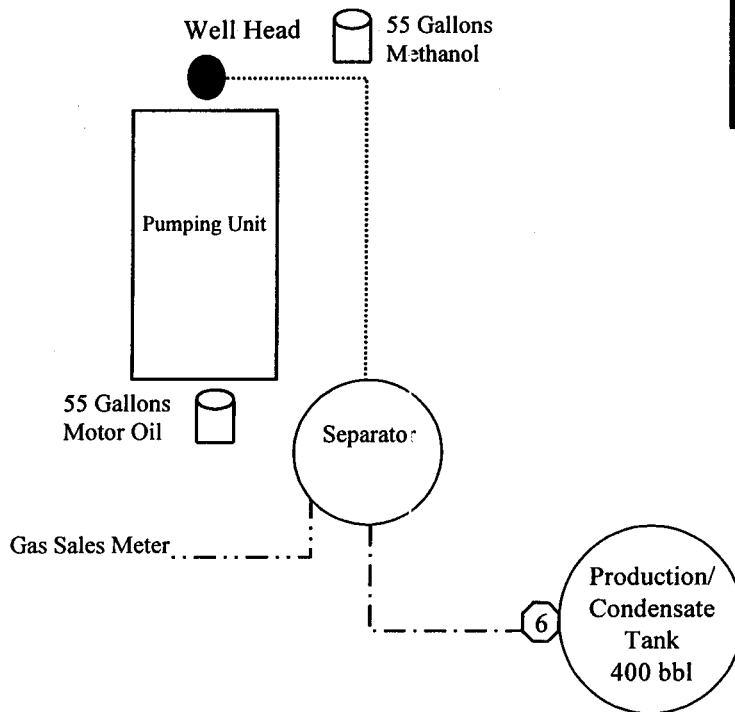
SW/SW Sec. 24, T9S, R18E

Uintah County, Utah

UTU-67549

Legend

Emulsion Line
Water Line	- - - - -
Gas Sales	- . - . - .



Diked Section



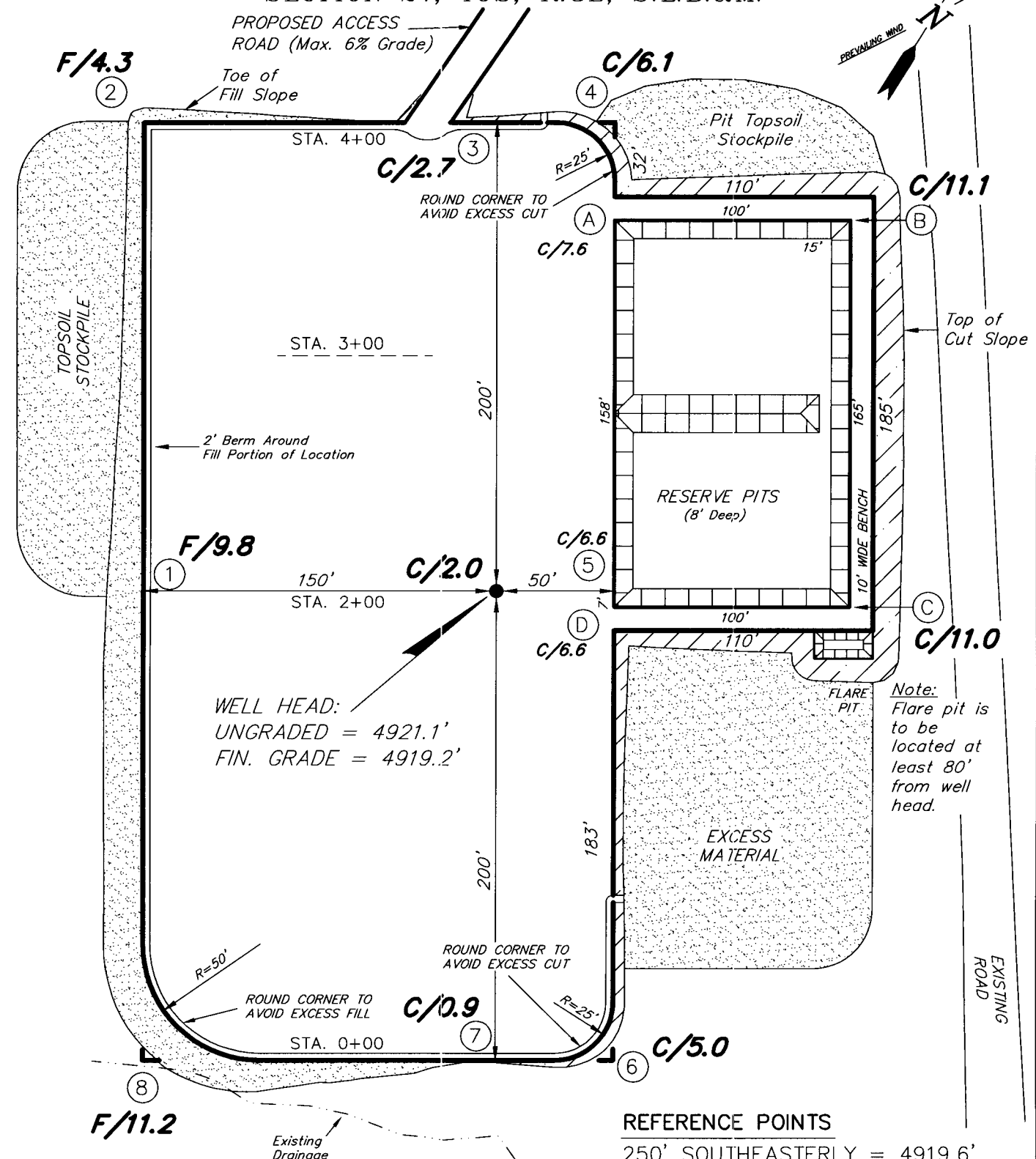
NEWFIELD PRODUCTION COMPANY

SHEEPWASH 13-24-9-18

SECTION 24, T9S, R18E, S.L.B.&M.

PROPOSED ACCESS
ROAD (Max. 6% Grade)

PREVAILING WIND



Note:
Flare pit is to be located at least 80' from well head.

REFERENCE POINTS

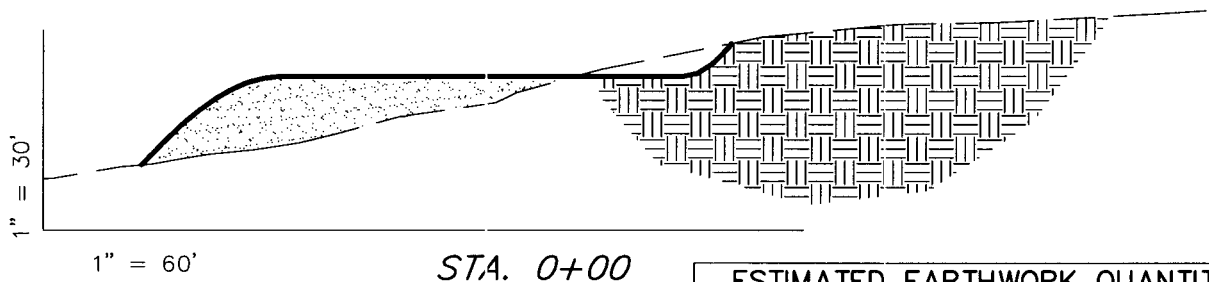
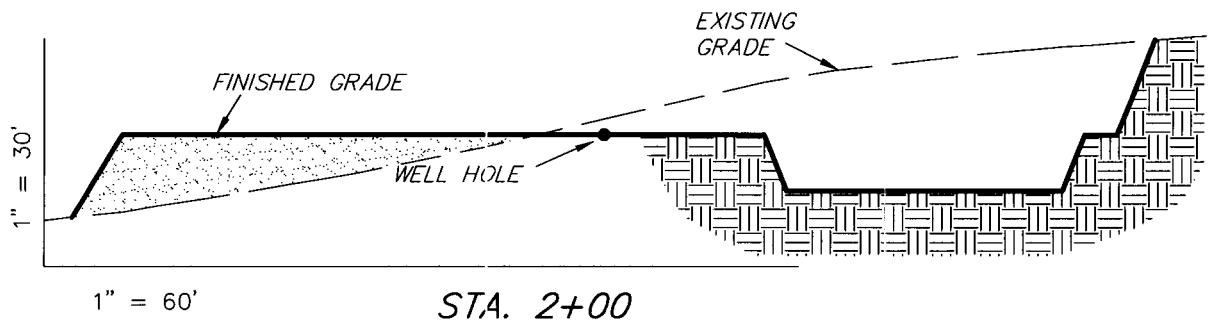
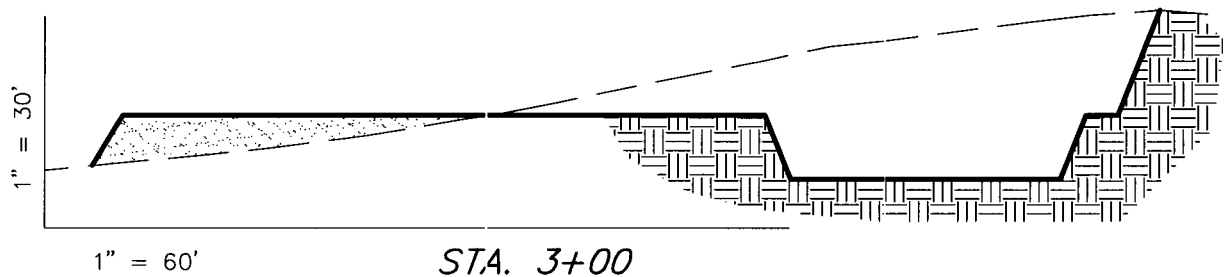
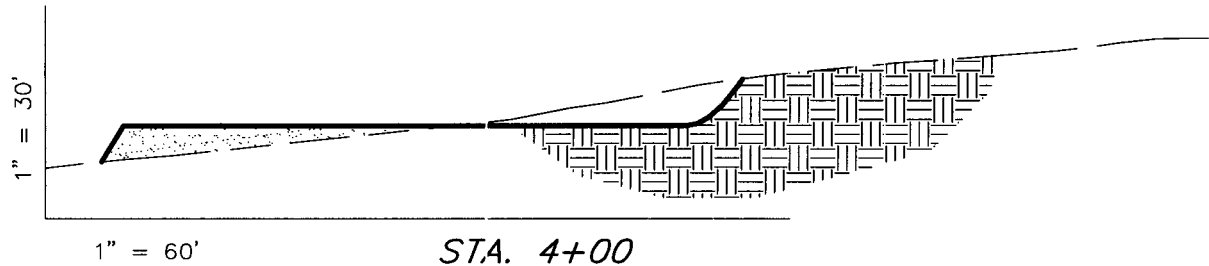
- 250' SOUTHEASTERLY = 4919.6'
- 300' SOUTHEASTERLY = 4922.4'
- 200' SOUTHWESTERLY = 4907.3'
- 250' SOUTHWESTERLY = 4906.0'

SURVEYED BY: C.M.	SCALE: 1" = 60'	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: T.C.J.	DATE: 10-10-06	

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

SHEEPWASH 13-24-9-18



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	10,930	10,920	Topsoil is not included in Pad Cut	10
PIT	4,090	0		4,090
TOTALS	15,020	10,920	2,090	4,100

SURVEYED BY: C.M.

SCALE: 1" = 60'

DRAWN BY: T.C.J.

DATE: 10-10-06

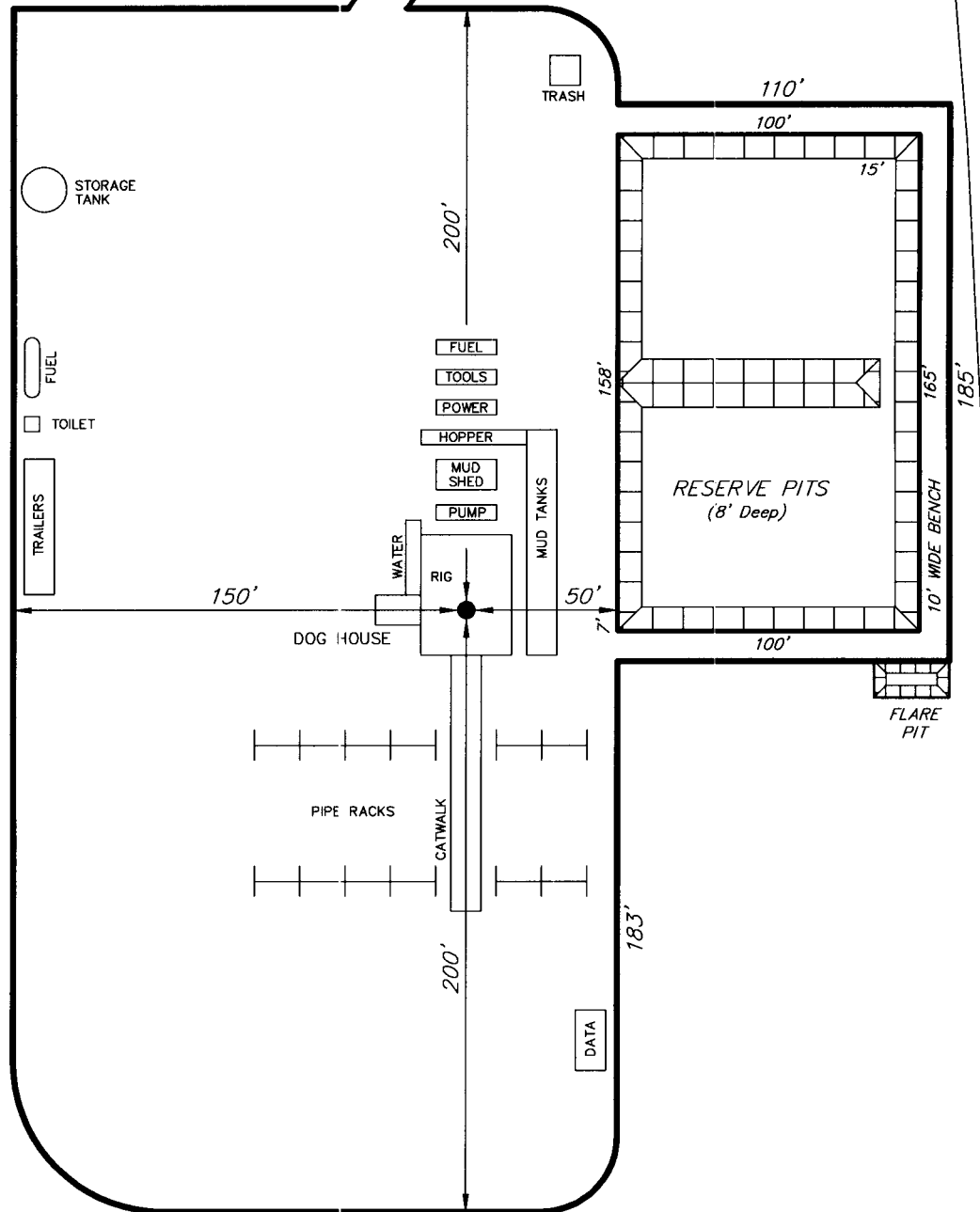
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SHEEPWASH 13-24-9-18

PROPOSED ACCESS
ROAD (Max. 6% Grade)



EXISTING
ROAD

SURVEYED BY: C.M.

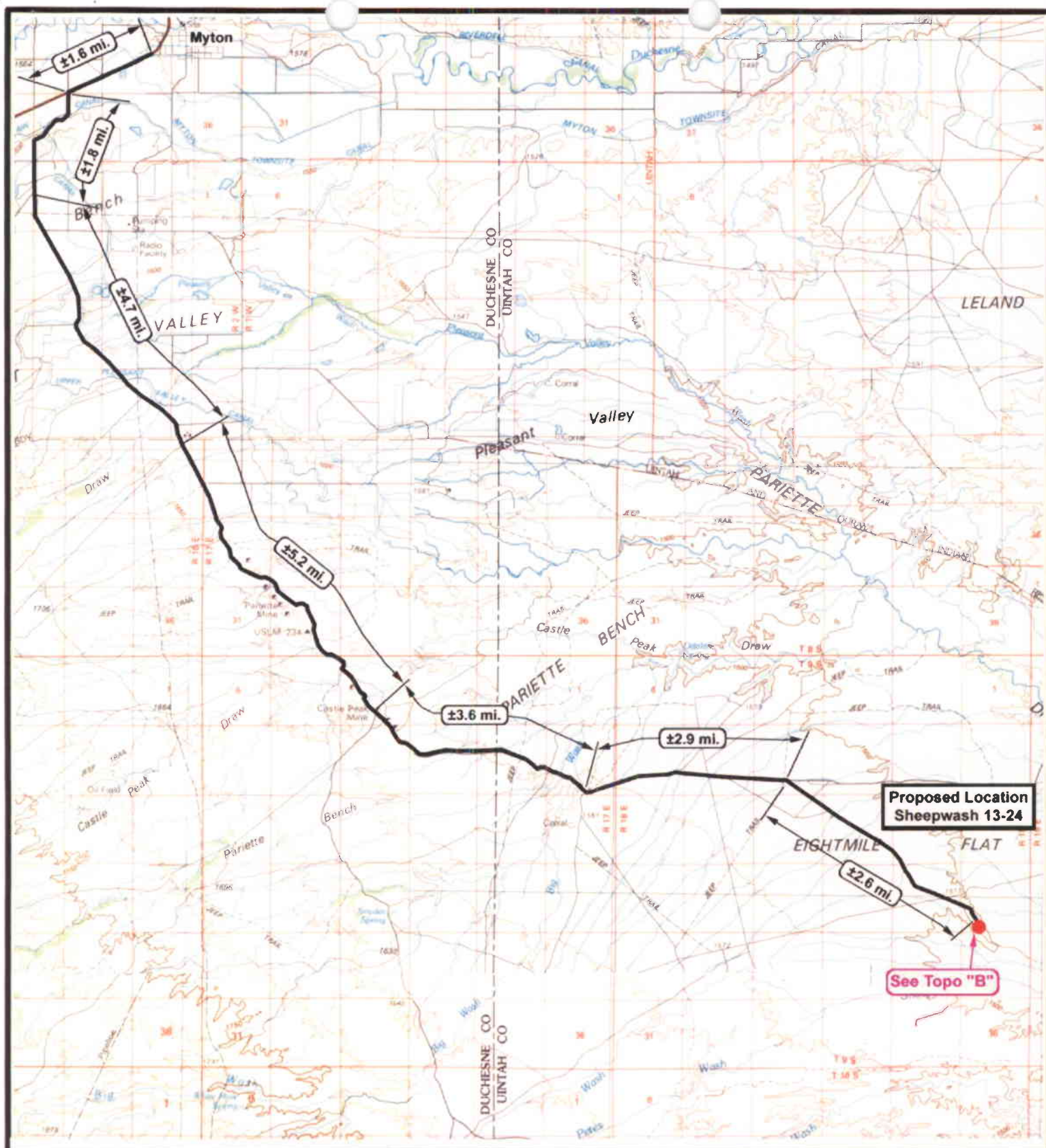
SCALE: 1" = 60'

DRAWN BY: T.C.J.

DATE: 10-10-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501



NEWFIELD
Exploration Company

Sheepwash 13-24-9-18
SEC. 24, T9S, R18E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000

DRAWN BY: mw

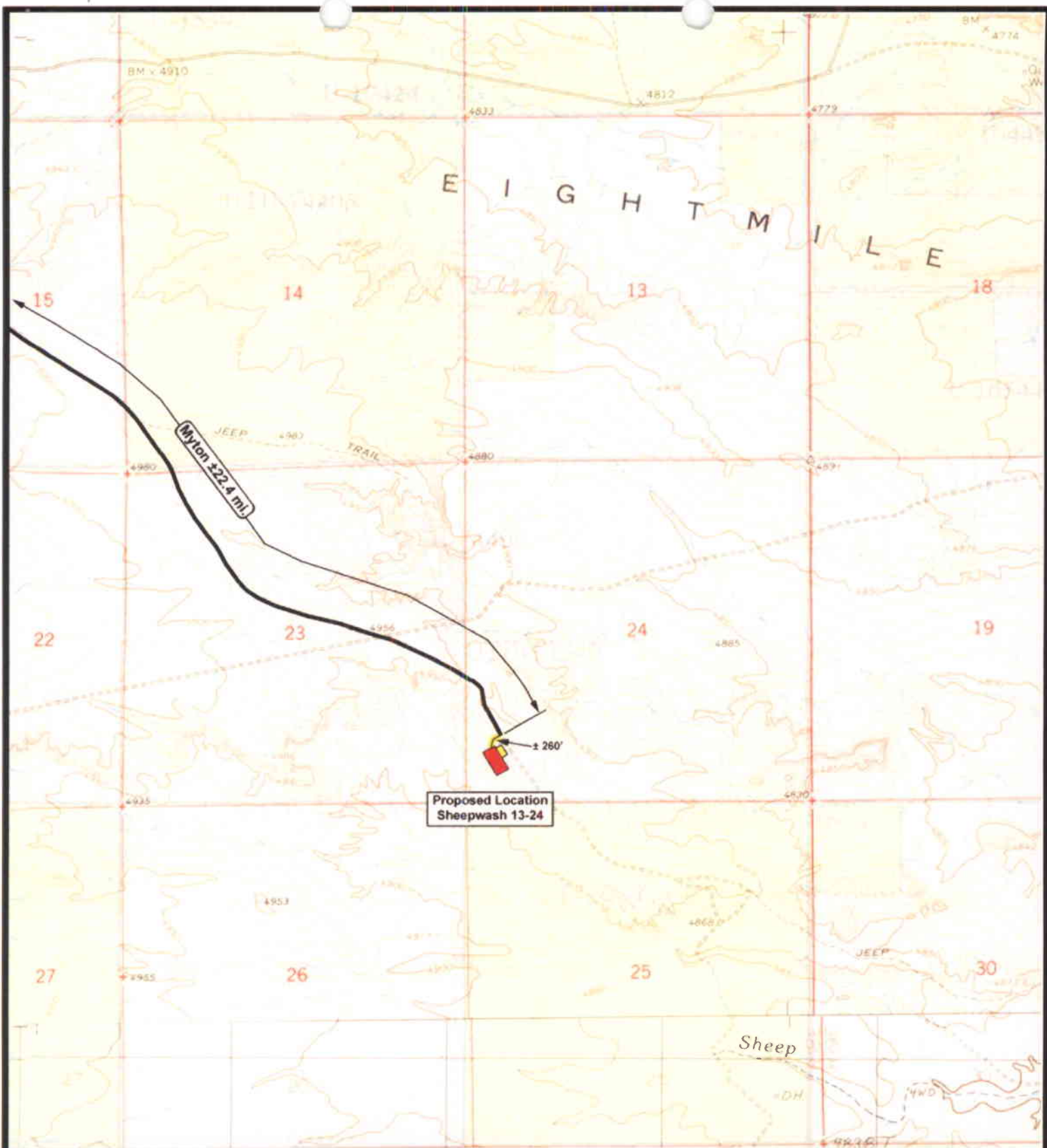
DATE: 10-22-2006

Legend

Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Sheepwash 13-24-9-18
SEC. 24, T9S, R18E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

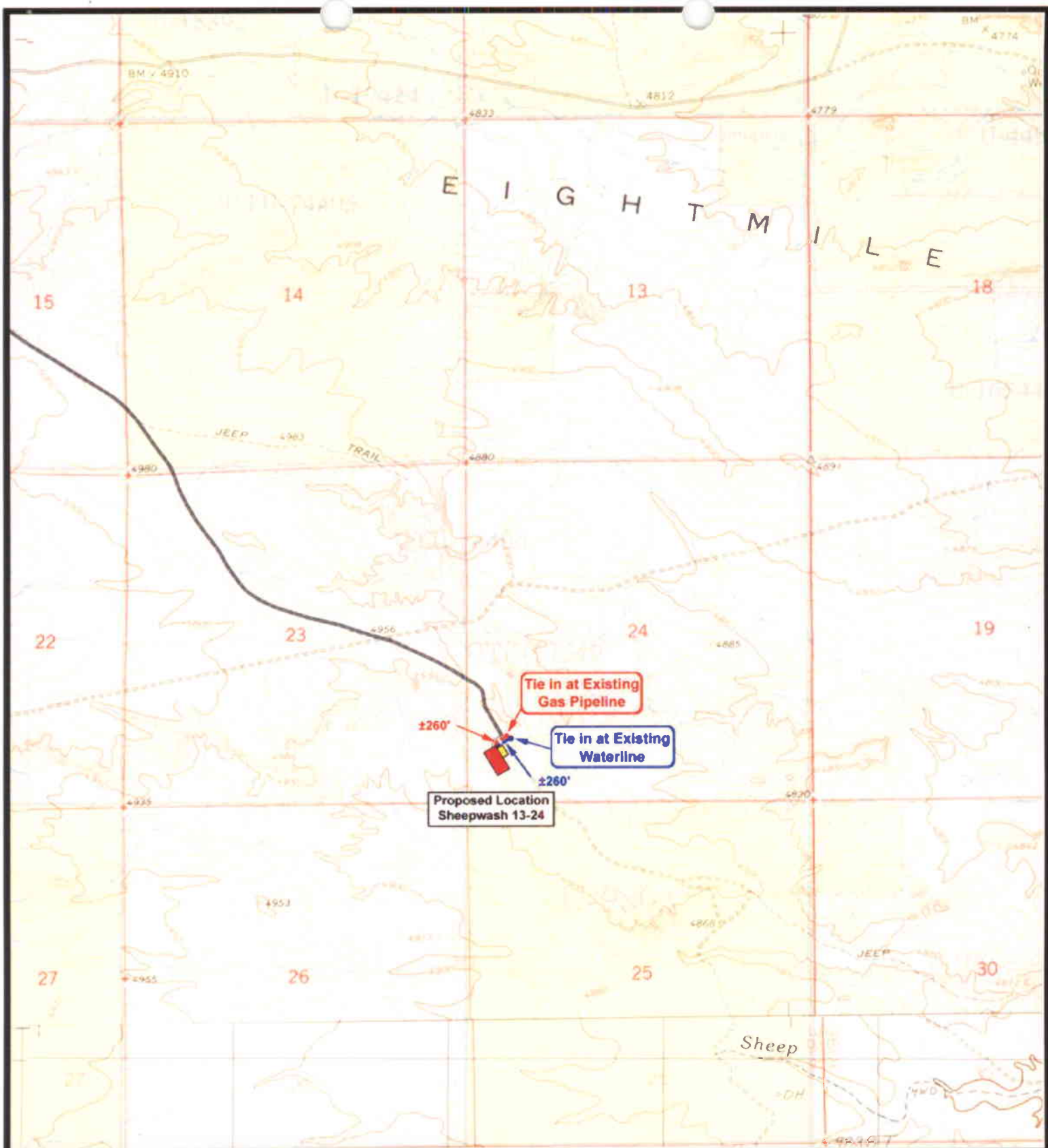
DATE: 10-22-2006

Legend

Existing Road
 Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Sheepwash 13-24-9-18
SEC. 24, T9S, R18E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

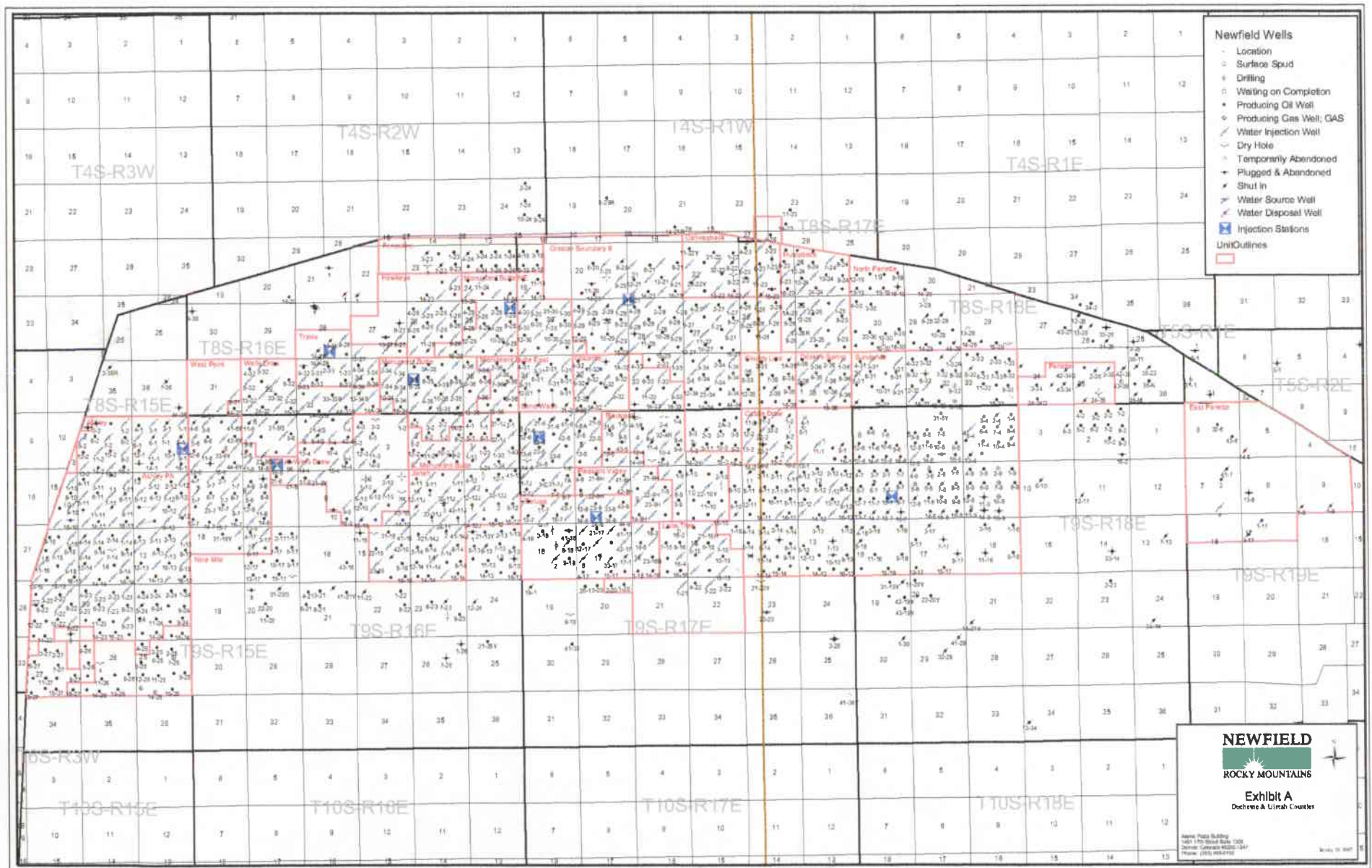
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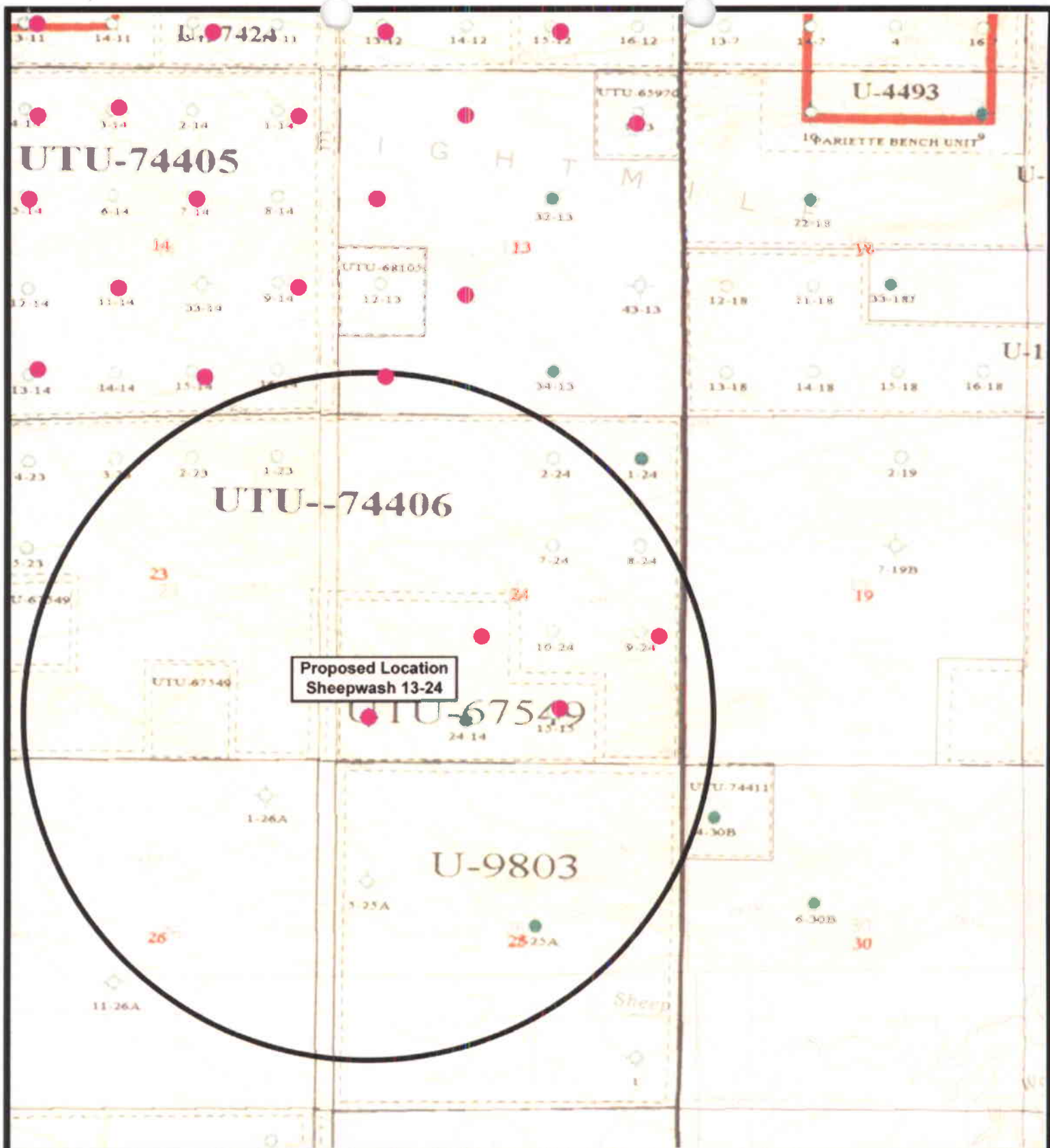
Legend




— Roads
--- Proposed Gas Line
--- Proposed Water Line

TOPOGRAPHIC MAP

"C"





 <p>NEWFIELD Exploration Company</p> <p>Sheepwash 13-24-9-18 SEC. 24, T9S, R18E, S.L.B.&M.</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: mmw DATE: 10-22-2006</p>	<p>Legend</p> <p>● Location ○ One-Mile Radius</p> <p>Exhibit "B"</p>
--	---	--	--

11" 5 M stack

Exhibit "C"

Blowout Prevention Equipment Systems

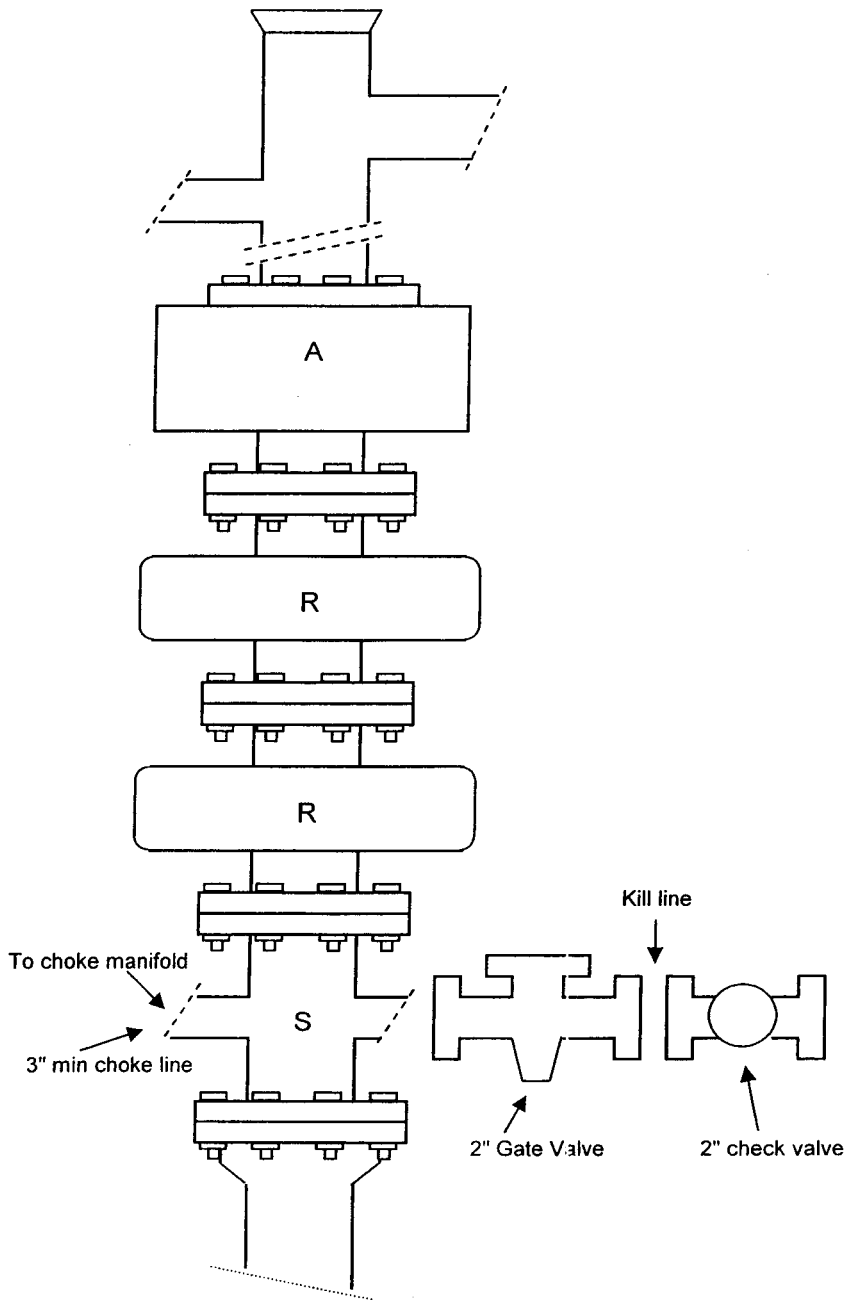


FIG. 2.C.5
ARRANGEMENT S*RRR
Double Ram Type Preventers

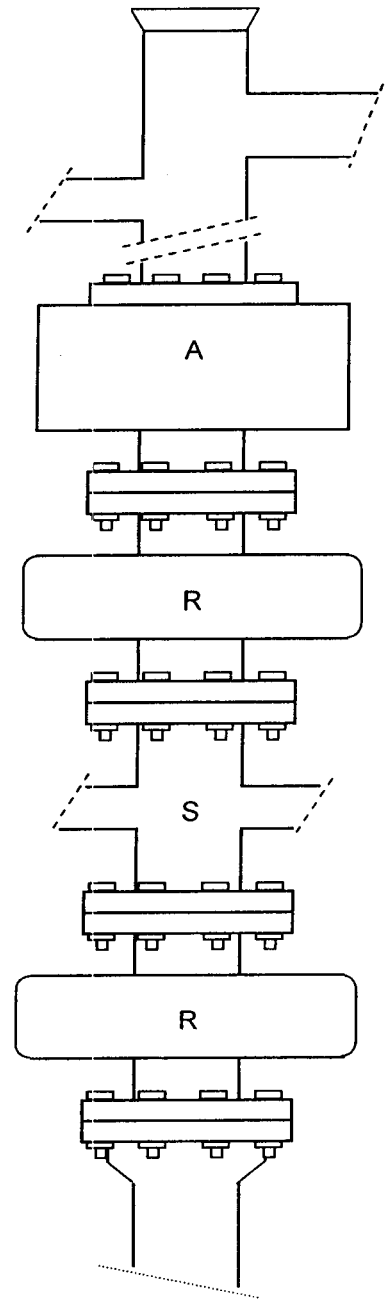


FIG. 2.C.6
ARRANGEMENT RS*RA

EXAMPLE BLOWOUT PREVENTER ARRANGEMENTS FOR 3M AND 5M RATED WORKING PRESSURE

* Drilling spool and its location in the stack arrangement is optional- refer to Par 2.C.6

CULTURAL RESOURCE INVENTORY OF
INLAND RESOURCES' BLOCK SURVEY ON EIGHT MILE FLAT,
TOWNSHIP 9 SOUTH, RANGE 18 EAST,
SECTIONS 1,5,7,8,12,13, and 24, UINTAH COUNTY, UTAH

Exhibit "D"

1 of 2

by

Josh C. Whiting
and
Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Production
Route 3 Box 3630
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-130

September 10, 2004

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0455b

2 of 2

INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
UINTAH COUNTY, UTAH**

Section 1 (excluding the NW 1/4); and Sections 12, 13, & 24,
Township 9 South, Range 18 East

REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
August 2, 2004

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APP RECEIVED: 04/16/2007

API NO. ASSIGNED: 45-047-38212

WELL NAME: FEDERAL 13-24-9-18

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-649-3721

PROPOSED LOCATION:

NSW 24 090S 180E

SURFACE: 0713 FSL 0489 FWL

BOTTOM: 0713 FSL 0489 FWL

COUNTY: UINTAH

LATITUDE: 40.01120 LONGITUDE: -109.8490

UTM SURF EASTINGS: 598235 NORTHINGS: 4429425

FIELD NAME: 8 MILE FLAT NORTH (590)

INSPECT REVIEW BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-67549

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit
(No. MUNICIPAL)
- ☒ RDCC Review (Y/N)
(Date:)
- ☒ Fee Surf Agreement (Y/N)
- ☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit: _____
- ☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ☐ R649-3-3. Exception
- ☐ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ☐ R649-3-11. Directional Drill

COMMENTS: See Separate File

STIPULATIONS: 1- Federal Approval
2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 24 T.9S R. 18E

FIELD: EIGHT MILE FLAT (590)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Field Status

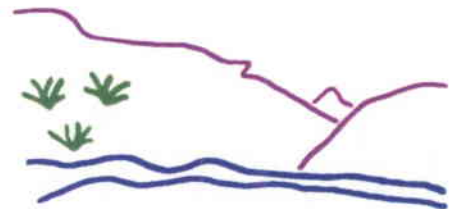
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

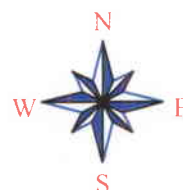
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 18-APRIL-2007



State of Utah
Department of
Natural Resources

MICHAEL R. STYLER
Executive Director

Division of
Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 18, 2007

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 13-24-9-18 Well, 713' FSL, 489' FWL, SW SW, Sec. 24, T. 9 South,
R. 18 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39212.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor (via e-mail)
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Federal 13-24-9-18
API Number: 43-047-39212
Lease: UTU-67549

Location: SW SW **Sec.** 24 **T.** 9 South **R.** 18 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office
(801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED
VERNAL FIELD OFFICE
2007 APR 16 PM 3:00

DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT.

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-67549
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 13-24-9-18
9. API Well No. 43-047-39212
10. Field and Pool, or Exploratory Eight Mile Flat
11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 24, T9S R18E
12. County or Parish Uintah
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SW 713' FSL 489' FWL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximatley 22.4 miles southeast of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 489' f/lse, NA f/unit	16. No. of Acres in lease 280.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 2,945'	19. Proposed Depth 13,175'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4921' GL	22. Approximate date work will start* 3rd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/13/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kanucka	Date 10-29-2007
Title Assistant Field Manager		
Office VERNAL FIELD OFFICE		

Application approval does not constitute a determination that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

NOV 09 2007

DIV. OF OIL, GAS & MINING

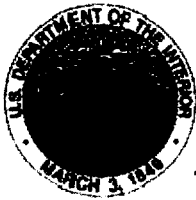
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

07JIM0747A

UDDGM

Posted 5/30/07



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 13-24-9-18
API No: 43-047- 39212

Location: SWSW, Sec. 24, T9S, R18E
Lease No: UTU- 67549
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

Site Specific Conditions of Approval:

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Mountain Plover habitat. Modifications to the Surface Use Plan of Operations will be required in order to protect the Mountain Plover habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations (for construction and drilling) – **May 15 through June 15** – in order to protect Mountain Plover habitat.
- All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.

- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Galleta Grass (<i>Hilaria jamesii</i>)	6 lbs/acre
Scarlet Globemallow (<i>Sphaeralcea coccinea</i>)	1 lbs/acre
Indian Ricegrass (<i>Oryzopsis hymenoides</i>)	6 lbs/acre

- Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.

Surface COAs:

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

DOWNHOLE COAs:

SITE SPECIFIC DOWNHOLE COAs:

- The 5M BOPE shall meet all requirements of Onshore Order No.2.
- A formation integrity test shall be performed before drilling more than twenty feet below the casing shoe on the 8 5/8" casing.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

(June 1996)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

713 FSL 489 FWL SW/SW Section 24, T9S R18E

5. Lease Designation and Serial No.

UTU-67549

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

FEDERAL 13-24-9-18

9. API Well No.

43-047-39212

10. Field and Pool, or Exploratory Area

8 MILE FLAT NORTH

11. County or Parish, State

UINTAH COUNTY, UT.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/18/07.

This APD is not yet due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED
APR 09 2008
DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: **4.14.2008**Initials: **KS**Date: **04-09-08**By: 

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier

Title

Regulatory Specialist

Date

4/7/2008

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-39212
Well Name: Federal 13-24-9-18
Location: SW/SW Section 24, T9S R18E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 4/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

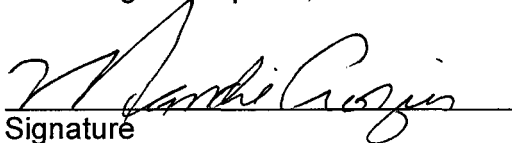
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

4/7/2008

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 13-24-9-18

Api No: 43-047-39212 Lease Type: FEDERAL

Section 24 Township 09S Range 18E County UINTAH

Drilling Contractor ROSS DRILLING RIG # 007

SPUDDED:

Date 06/21/08

Time 10:30 AM

How DRY

Drilling will Commence: _____

Reported by RAY HERRERA

Telephone # (435) 823-1990

Date 06/23//08 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84062

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16937	4304739951	UTE TRIBAL 11-24-4-1	NESW	24	4S	1W	UINTAH	6/20/2008	6/30/08
WELL 1 COMMENTS: GRRV											
A	99999	16938	4304739212	FEDERAL 13-24-9-18	SWSW	24	9S	18E	UINTAH	6/21/2008	6/30/08
MVRD											
A	99999	16939	4304736223	FEDERAL 2-30-8-18	NWNE	30	8S	18E	UINTAH	6/23/2008	6/30/08
GRRV											
A	99999	16940	4304739424	FEDERAL 3-20-9-18	NENW	20	9S	18E	UINTAH	6/25/2008	6/30/08
GRRV											
A	99999	16941	4304739211	FEDERAL 15-24-9-18	SWSE	24	9S	18E	UINTAH	6/25/2008	6/30/08
WELL 5 COMMENTS: MVRD											
A	99999										
WELL 6 COMMENTS:											

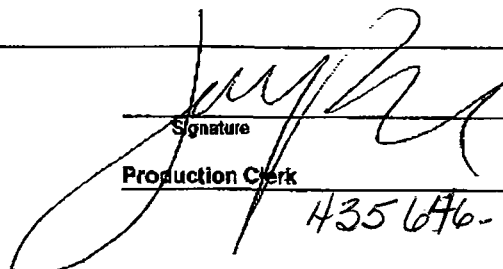
ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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JUN 26 2008

DIV. OF OIL, GAS & MINING

Signature: 
Production Clerk: Jentri Park
Date: 06/26/08
435646-4843

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-67549

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

FEDERAL 13-24-9-18

9. API Well No.

43-047-39212

10. Field and Pool, or Exploratory Area

8 MILE FLAT NORTH

11. County or Parish, State

UINTAH COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

713 FSL 489 FWL SW/SW Section 24, T9S R18E

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Tight Hole Status**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production would like to request "Tight Hole Status" for the above mentioned well.

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 6/30/2008
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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JUL 01 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

713 FSL 489 FWL

SWSW Section 24 T9S R18E

5. Lease Serial No.

UTU-67549

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

MON BUTTE DEEP

8. Well Name and No.

FEDERAL 13-24-9-18

9. API Well No.

4304739212

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE DEEP

11. County or Parish, State

UINTAH, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6-21-08 MIRU Ross rig # 7. Drill 220' of 17 1/2" hole with air mist. TIH W/ 5 Jt's 13 3/8" J-55 54.50 # csgn. Set @ 235.80'/ KB On 6-23-08 cement with 210 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cfi sk yeild. Returned 13.0 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Rav Herrera

Signature

Title

Drilling Foreman

Date

07/11/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

JUL 17 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

13 3/8" CASING SET AT 235.8

LAST CASING 13 3/8" set @ 235.8
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 220' LOGGER _____
 HOLE SIZE 17 1/2"

OPERATOR Newfield Production Company
 WELL Federal 13-24-9-18
 FIELD/PROSPECT 8 Mile Flat North
 CONTRACTOR & RIG # Ross # 007

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
5	13 3/8"	Maverick ST&C csg	54.50#	J-55	8rd	A	207
		GUIDE shoe			8rd	A	1.8
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING LESS CUT OFF PIECE PLUS DATUM TO T/CUT OFF CSG CASING SET DEPTH			208.8
TOTAL LENGTH OF STRING		207	5				
LESS NON CSG. ITEMS							27
PLUS FULL JTS. LEFT OUT		0					235.8
TOTAL		207	5	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		207	5				
TIMING		1ST STAGE		GOOD CIRC THRU JOB _____ YES Bbls CMT CIRC TO SURFACE _____ 13 RECIPROCATED PIPE FOR _____ N/A _____ BUMPED PLUG TO _____ SHUT IN WITH 66PSI _____ PSI			
BEGIN RUN CSG. Spud		6/21/2008	10:30 AM				
CSG. IN HOLE		6/23/2008	3:30 PM				
BEGIN CIRC		6/23/2008	5:03 PM				
BEGIN PUMP CMT		6/23/2008	5:16 PM				
BEGIN DSPL. CMT		6/23/2008	5:29 PM				
PLUG DOWN		6/23/2008	5:38 PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	210	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Ray Herrera DATE 6/23/2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-67549
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: MON BUTTE DEEP
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 713 FSL 489 FWL		8. WELL NAME and NUMBER: FEDERAL 13-24-9-18
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 24, T9S, R18E		9. API NUMBER: 4304739212
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE DEEP
		COUNTY: UINTAH
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 12/29/2008	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to change the production casing string design for the Federal 13-24-9-18 due to casing availability. Instead of 4-1/2" casing, a string of 5-1/2", 20#, P-110, LTC casing will be run to TD. The design safety factors are as follows:

Tension: 1.81 Burst: 2.10 Collapse: 1.51

The cement design will be as follows:

Lead: Prem Lite II + 3% KCl + 2% bentonite, 3.26 cu ft/sk yield, 11.0 ppg weight, 1351 cu ft, 415 sacks, 6000' of fill to cement top of 3,500'. Volumes shown are 30% excess over gauge hole volume. Actual volume pumped will be 15% over the open hole caliper log.

Tail: 50/50 Poz Class G + 2% bentonite, 1.24 cu ft/sk yield, 14.3 ppg weight, 1261 cu ft, 1017 sacks, 5600' of fill to tail cement top of 9,500'. Volumes shown are 30% excess over gauge hole volume. Actual volume pumped will be 15% over the open hole caliper log.

COPY SENT TO OPERATOR

Date: 1-29-2009

Initials: KS

NAME (PLEASE PRINT) Mandie Crozier

TITLE Regulatory Specialist

SIGNATURE

DATE 12/29/2008

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining
1/26/09
By: [Signature]

Federal Approval Of This
Action Is Necessary

RECEIVED

JAN 06 2009

DIV. OF OIL, GAS & MINING

Daily Activity Report

CONFIDENTIAL43 DAT 39212
9S 18E 24Format For Sundry
FEDERAL 13-24-9-18
11/1/2008 To 3/28/2009**FEDERAL 13-24-9-18****Rigging down On Federal 9-12-9-18****Date:** 11/3/2008

DHS #12 at 0. Days Since Spud - Break out all BOP bolts, will unstack w/ cranes. - Rigging down. R/D kelly, mousehole, standpipe, subs, and tongs. R/D gas buster and choke manifold - lines. R/D mud pumps and prepare sack mud materials for trucking out Monday.

Daily Cost: \$0**Cumulative Cost:** \$86,785**FEDERAL 13-24-9-18****Rigging down on Federal 9-12-9-18****Date:** 11/4/2008

DHS #12 at 0. 0 Days Since Spud - Rigging down. Lay derrick down and unstring blocks. Rig down mud pits. Inspect BHA, - kelly and all subs. Load out all mud materials and send to MI.

Daily Cost: \$0**Cumulative Cost:** \$105,805**FEDERAL 13-24-9-18****Rig Move****Date:** 11/5/2008

DHS #12 at 0. 0 Days Since Spud - Cranes / trucks will be on location Wednesday am to finish tearing down rig and move to new location - Rig Move - Finish rigging down on Federal 9-12-9-18. Moved and set up camp. - Moved mud pumps, boiler, fuel tank, change house, tool house, pre-mix tank, mud pit and one pipe bin

Daily Cost: \$0**Cumulative Cost:** \$124,825**FEDERAL 13-24-9-18****Rigging Up****Date:** 11/6/2008

DHS #12 at 0. 0 Days Since Spud - Shut down for night. Will resume operations at 6am. - BOB,s and gas buster. - Rig Move - Un- pin derrick and set out. Load out substructure and move to Fed.13-24-9-18. - Set matting in place. Move derrick to new location. - Items remaining on Fed. 9-12-9-18 location: Shale shaker pit, trip tank, junk bins, and 4 pipe bins

Daily Cost: \$0**Cumulative Cost:** \$143,845**FEDERAL 13-24-9-18****Rigging Up****Date:** 11/7/2008

DHS #12 at 0. 0 Days Since Spud - Shut down for night. Released one crane. Will resume operations at 07:00 am. - Items remaining on Federal 9-12-9-18 are 4 pipe tubs and 2 junk tubs. - Rig up DHS Rig No. 12. Set and level substructure. Set floor motors and drawworks. - Set drillers doghouse. Set mud tanks. Set trip tank and gas buster. Set No. 1 mud pump. - Set offside doghouse. Set derrick on substructure and pin. Set on derrick stand. - Set rig water tank.

Daily Cost: \$0**Cumulative Cost:** \$177,829**RECEIVED****JUL 13 2009****DIV. OF OIL, GAS & MINING****FEDERAL 13-24-9-18****Rigging Up**

Date: 11/8/2008

DHS #12 at 0. 0 Days Since Spud - approximately 45% rigged up. - location. - Rig up DHS Rig No. 12. Released trucks at 12 Noon. - Move Koomey unit to new house. Rig up mud pumps. Run electrical lines. - Move 4 pipe tubs and 2 junk tubs from old location. Move remainder of miscellaneous items to new

Daily Cost: \$0

Cumulative Cost: \$311,186

FEDERAL 13-24-9-18

Rigging Up

Date: 11/9/2008

DHS #12 at 236. 0 Days Since Spud - Hook up koomey lines to BOP. Install lights. Prepare mud tanks. - Rig up swivel, kelly & kelly spinner, and kelly hose. Install kelly shuck. - Rig up substructure area. Rig up air. Secure drilling line to deadman. - Rig up drill floor. Rig down & secure bridle line. Rig up choke house & choke line. - Perform pre-job derrick inspection. Raise derrick. In air at 10:00 am. - Rig up rotary table chain. Torque BOP stack bolts with B&C Quick Test.

Daily Cost: \$0

Cumulative Cost: \$333,837

FEDERAL 13-24-9-18

Rigging Up

Date: 11/10/2008

DHS #12 at 236. 0 Days Since Spud - for 10 minutes, okay. Test accumulator, okay. - adjustable chokes, hydraulic choke, and HCR valve to 250 psig for 5 minutes and 2,000 psig - dart valve, upper & lower pipe rams, blind rams, choke line & kill line valves, annular, 2 - hand - Rig up B & C Quick test. Install test plug. Test upper & lower kelly valves, Safety valve, - Rig up accumulator and function test pipe rams, blind rams, and HCR valve. - Approximately 95% rigged up. - Attempt to pull test plug w/o success. Run 12-1/8" IBS through annular. Pull test plug. - Prime No. 1 & No. 2 mud pumps. Circulate hole and fix leaks. Complete hooking up water lines and - Modify flowline and hook up same. Center and tighten turnbuckles on BOP stack. Hook up Pason lines - Attempt to install wear bushing w/o success. Let annular relax. - with both crews. - Hand pinched left hand index finger in tongs. Took hand to Roosevelt, UT hospital. Have safety mee - Make up wear bushing. - Electrical lines. Held pre-spud meeting. Complete pre-spud check list. Set BHA on pipe racks.

Daily Cost: \$0

Cumulative Cost: \$355,431

FEDERAL 13-24-9-18

Drill 12 1/4" hole with fresh water

Date: 11/11/2008

DHS #12 at 720. 1 Days Since Spud - by 400 ft. - Rotary motor drill 12-1/4" hole 277 to 720 ft. 443 ft at 49.2 fph. Gradually increase gpm to 720 - Repair weld on No. 2 pump suction screen housing. - Drill new hole 236 to 277 ft with No. 1 pump at 387 gpm. No. 2 pump has hole in suction line. - Take MWD check shot with No. 1 pump, okay. - Drill cement, wiper rubber, and float shoe. - Rig stand down. Drug testing day crew. - Rig service. Grease and tighten swivel packing. - PU 1 - 8" DC and 3 - 6.5" DC's. Tag top of cement at 200 ft. - PU & MU bit, mud motor, shock sub, monel DC, Hang-off sub with MWD probe. Orient probe. - Install wear bushing. Had to use impact wrench to loosen packing nuts. - Strap and caliper BHA. - Take MWD probe check shot. No good due to No. 2 pump variation.

Daily Cost: \$0

Cumulative Cost: \$391,253

FEDERAL 13-24-9-18

Drill 12 1/4" hole with fresh water

Date: 11/12/2008

DHS #12 at 1938. 2 Days Since Spud - NOTE: Actual bit hours on bottom = 20.5 hrs. 1,702 ft at 83.0 fph. - WOB 18-25. RPM 151. GPM 741. Differential 100-150. - Rotary motor drill 12-1/4" hole 1,307 to 1,938 ft. 631 ft at 60.1 fph. - Rotary motor drill 12-1/4" hole 720 to 1,181 ft. 461 ft at 51.2 fph. - Rotary motor drill 12-1/4" hole 1,275 to 1,307 ft. 32 ft at 64.0 fph. - Rotary motor drill 12-1/4" hole 1,181 to 1,275 ft. 94 ft at 47.0 fph. - Rig service. Replace shackles on kelly spinner. - Rig repair. Repair weld on No. 2 pump suction screen housing.

Daily Cost: \$0

Cumulative Cost: \$424,371

FEDERAL 13-24-9-18**Drill 12 1/4" hole with fresh water**

Date: 11/13/2008

DHS #12 at 3187. 3 Days Since Spud - Note: Actual bit hours on bottom = 36.9 hrs. 2,951 ft at 80.0 fph. - WOB = 20-25. RPM = 140-150. GPM = 741. Differential = 180-330. - Rotary motor drill 12-1/4" hole 1,938 to 2,251 ft. 313 ft at 48.2 fph. - Rotary motor drill 12-1/4" hole 2,251 to 2,527 ft. 276 ft at 55.2 fph. - Rig service. - Rotary motor drill 12-1/4" hole 2,257 to 3,187 ft. 660 ft at 55.0 fph.

Daily Cost: \$0

Cumulative Cost: \$475,861

FEDERAL 13-24-9-18**Drill 12 1/4" hole with fresh water**

Date: 11/14/2008

DHS #12 at 3680. 4 Days Since Spud - NOTE: Bit No. 2 actual hours on bottom = 6.0. 130 ft at 21.7 fph. - NOTE: Bit No. 1 actual hours on bottom = 43.9. 3,314 ft at 75.5 fph. - WOB = 15-28. RPM = 125. GPM = 675. Differential = 80-140. - Rotary motor drill 12-1/4" hole 3,550 to 3,680 ft. 130 ft at 20.0 fph. - Rotary motor drill 12-1/4" hole 3,187 to 3,550 ft. 363 ft at 40.3 fph. Bit slowed. - Run in hole to 3,500 ft. - Change out bits. Function test blind and pipe rams. - Pump pill. Pull out of hole. No problems. - Pump high vis sweep and circulate bottoms up. - Circulate trip air out of hole.

Daily Cost: \$0

Cumulative Cost: \$520,412

FEDERAL 13-24-9-18**Running casing**

Date: 11/15/2008

DHS #12 at 4015. 5 Days Since Spud - NOTE: Bit No. 2 actual hours on bottom = 17.8 hrs. 465 ft at 26.1 fph. - Run 8-5/8" surface casing. Currently at 1,100 ft. - Make up float shoe, back off collar and thread lock. Make up float collar. - Held pre-job and safety meeting. Rig up Caliber casing crew. - Rotary motor drill 12-1/4" hole 3,680 to 3,824 ft. 144 ft at 26.2 fph. - Pump pill. Drop Single shot survey. Pull out of hole. No problems. - Pump 2 - 30 bbl 100 Vis sweeps. Circulate hole clean. - Rotary motor drill 12-1/4" hole 3,824 to 4,015 ft. 191 ft at 27.3 fph. - Rig service. Grouted cellar with 6.5 cu.yds. 6 sk mix. Compressive strength = 4,500 psi. - Break bit and lay down 8" BHA. Pull long wear bushing. Single shot survey at 3,940 ft = 2 deg.

Daily Cost: \$0

Cumulative Cost: \$569,479

FEDERAL 13-24-9-18**Waiting on Cement**

Date: 11/16/2008

DHS #12 at 4015. 6 Days Since Spud - Held pre-job and safety meeting. Rig up BJ Cementers. - Pressure line to 3,000 psi. Mix & pump 20 bbls Mud Clean + 820 sks lead at 12.0 ppg + 222 sks tail - Slight leak between starting swedge and casing collar. Machine shop brought wrong csg collar. - Circulate & condition hole at slow rate while waiting on new BJ starting swedge and casing collar. - Rig down Caliper casing crew and lay down machine. -

Run 8-5/8" casing. Tag bottom at 4,009 ft. 6 ft fill. Run landing joint. FS at 3,998 ft. - Pickup/lay down machine repaired hydraulic hose. C&C hole while waiting. - Run 8-5/8" surface casing to 2,711 ft. - NOTE: Will perform 2nd top job at 06:30 AM. - Wait on cement. Cement fell to 42 ft below ground level. - Perform top job. 50 sks class G + 2% CaCl₂ at 15.8 ppg. - Wait on cement. Rig up BJ cementers. Tag cement at 90 ft below ground level. - Rig down BJ Cementers. Back out landing joint and running tool. Cement fell below ground level. - at 14.2 ppg. Displaced with 242.5 bbls fresh water. Did not bump plug. Floats held. 36 sks to surf - Weld casing collar to landing joint tube. Pre-heat & post cool.

Daily Cost: \$0

Cumulative Cost: \$595,196

FEDERAL 13-24-9-18**Pressure Testing**

Date: 11/17/2008

DHS #12 at 4015. 7 Days Since Spud - Currently changing door bonnet seals. - Repair choke manifold valve. Test blind rams. Door bonnet seals leaked. - 10 min, okay. Test inner valves on choke manifold. Flange leaked on pressure gauge valve. - upper pipe rams, choke and kill line valves, HCR valve to 250 psig for 5 min and 10,000 psig for - Rig up B&C Quick Testers. Test annular to 250 psig for 5 min. and 5,000 psig for 10 min. Test - Install pack-off assembly. Test seals to 5,000 psig, okay. - Wait on cement. Cement at 30 ft below ground level. - Send to Stewart's Machine Shop in Vernal. Machine correct ID to fit over casing hanger. - Attempt to set with stand of 6-1/2" drill collars. ID of pack-off machined wrong. - Rig up Wood Group. Attempt to set pack-off assembly on drill pipe w/o success. - Rig down BJ Cementers. - Wait on cement. Drain BOP stack, 3 sks cement to cellar. - Perform cement top job No. 2. Pumped 20 sks Class G + 2% CaCl at 15.8 ppg. - While waiting on pack-off, slipped and cut 297 ft drilling line.

Daily Cost: \$0

Cumulative Cost: \$663,111

FEDERAL 13-24-9-18**Circulate & Condition Hole for FIT.**

Date: 11/18/2008

DHS #12 at 4025. 8 Days Since Spud - Currently circulating hole to perform FIT test. - Clean rathole to 4,015 ft. Drill 7-7/8" hole to 4,025 ft. - Drill cement to 3,998 ft. Drill float shoe. - Circulate hole clean. Test casing to 1,500 psig, okay. - Drill firm cement to 3,970 ft. Wiper plug at 3,768 ft. Drill float collar at 3,950 ft. - Wait on new door gaskets for blind rams. While waiting test floor valves, upper & lower kelly - Install short wear bushing. Install flow nipple. - Test blind rams to 250 psi- 5 min & 10,000 psi-10 min, okay. Test casing to 1,500 psig -39 min. - Install blind ram door gaskets. - for 10 min, okay. - valves, lower pipe rams, choke manifold valves, chokes to 250 psig for 5 min and 10,000 psig - Make up bit and BHA. Run in hole. Took weight at 3,742 ft.

Daily Cost: \$0

Cumulative Cost: \$718,301

FEDERAL 13-24-9-18**Drill 7 7/8" hole with fresh water**

Date: 11/19/2008

DHS #12 at 4830. 9 Days Since Spud - NOTE: Actual bit hours on bottom = 17.5. 815 ft at 46.6 fph. - WOB = 25-26, RPM = 101-106, GPM = 350, Differential = 250-330. - Rotary motor drill 7-7/8" hole 4,520 to 4,830 ft. 310 ft at 51.7 fph. - Rig service. Function test upper pipe rams. - Circ & cond hole. Spot viscous pill. Perform FIT to 12.2 ppg. Held 790 for 5 minutes. - Rotary motor drill 7-7/8" hole 4,422 to 4,520 ft. 98 ft at 28.0 fph. - Rotary motor drill 7-7/8" hole 4,332 to 4,422 ft. 90 ft at 30.0 fph. Wob = 12-16. - Rig service. - Rotary motor drill 7-7/8" hole 4,025 to 4,332 ft. 307 ft at 40.9 fph. Wob = 8-12. - Wireline survey at 4,410 ft = 2.5 degrees.

Daily Cost: \$0

Cumulative Cost: \$753,814

FEDERAL 13-24-9-18

Drill 7 7/8" hole with fresh water

Date: 11/20/2008

DHS #12 at 5604. 10 Days Since Spud - NOTE: Actual bit hrs on bottom = 8.3. 76.4 fph. - WOB = 15-18. Rpm = 96-106. GPM = 350. Differential = 180-280. Torque = 35-40. - Rotary motor drill 7-7/8" hole 5,464 to 5,604 ft. 140 ft at 56.0 fph. - Wireline survey at 5,384 ft. Mis-run. - Rotary motor drill 7-7/8" hole 5,370 to 5,464 ft. 94 ft at 94.0 fph. - Wireline survey at 5,290 ft. Mis-run. - Rotary motor drill 7-7/8" hole 5,003 to 5,370 ft. 367 ft at 56.5 fph. - Rotary motor drill 7-7/8" hole 4,970 to 5,003 ft. 33 ft at 66.0 fph. - Precautionary wash & ream 4,910 to 4,970 ft. No fill. Break in bit. - Run in hole. Fill drill string and break circulation at 4,910 ft. - Change bits. Recover survey. Mis-run. - Pull out of hole. No problems. - Bit slowed. Pump pill and Drop survey. Bit slowed. Pump pill and drop survey. - Rotary motor drill 7-7/8" hole 4,830 to 4,970 ft. 140 ft at 46.7 fph.

Daily Cost: \$0

Cumulative Cost: \$930,583

FEDERAL 13-24-9-18

Strap Directional BHA

Date: 11/21/2008

DHS #12 at 6052. 11 Days Since Spud - Rotary motor drill 7-7/8" hole 5,922 to 6,034 ft. 112 ft at 28.0 fph. WOB = 10 K. - Circulate & condition hole. Wait on Totco survey tool. - Rotary motor drill 7-7/8" hole 5,907 to 5,922 ft. 15 ft at 15.0 fph. WOB = 8 K. - Wireline Shur-Shot survey at 5,824 ft = Mis-run. - Rotary motor drill 7-7/8" hole 5,875 to 5,907 ft. 32 ft at 16.0 fph. Reduced WOB to 8 K. - Wireline Shur-Shot survey at 5,792 ft = 8 deg. Survey tool from DHS Rig No. 1. - Wireline Totco survey at 5,953 ft = 8.0 degrees. - Clear floor, V-door, and catwalk. Move directional BHA to pipe racks to strap & caliper. - Rig service. - POOH. Lay down 2 -IB stabilizers, break off bit, & LD mud motor. Bit can be re-run. - Circulate over top of hole. - Pull out of hole to 3,9034 ft. - Rotary motor drill 7-7/8" hole 6,034 to 6,052 ft. 18 ft at 36.0 fph. WOB = 10 K. - Rotary motor drill 7-7/8" hole 5,604 to 5,875 ft. 271 ft at 67.7 fph.

Daily Cost: \$0

Cumulative Cost: \$975,453

FEDERAL 13-24-9-18

Drill 7 7/8" hole with fresh water

Date: 11/22/2008

DHS #12 at 6274. 12 Days Since Spud - WOB 8-20. RPM = 89. GPM = 350. Differential = 100-140. - Directional drill 7-7/8" hole 6,052 to 6,274 ft. 222 ft at 20.2 fph. - E-mail surveys to Denver. Discuss plan of action. - Precautionary wash & ream 5,989 to 6,052 ft. - Strap & caliper. Pick up directional BHA. - Lost communication with MWD & surface equipment. Pull 5 stds. Establish communication. - Run in hole to 4,107 ft. Fill drill string at 1,000 & 4,107 ft. - Make up bit. Install MWD probe. Orient mud motor to MWD probe. - Check out MWD probe with surface directional computer. - Run in hole to 5,989 ft. Take survey every 90 ft.

Daily Cost: \$0

Cumulative Cost: \$1,014,135

FEDERAL 13-24-9-18

Drill 7 7/8" hole with fresh water

Date: 11/23/2008

DHS #12 at 6754. 13 Days Since Spud - WOB = 10-20. GPM = 350. RPM = 90-100. Diff = 60-100. - Directional drill. Rotate and slide 6,546 to 6,754 ft. 208 ft at 17.3 fph. - Directional drill. Rotate and slide 6,274 to 6,512 ft. 238 ft at 25.1 fph. - Rig service. - Directional drill. Rotate and slide 6,512 to 6,546 ft. 34 ft at 17.0 fph.

Daily Cost: \$0

Cumulative Cost: \$1,058,787

FEDERAL 13-24-9-18

Drill 7 7/8" hole with fresh water

Date: 11/24/2008

DHS #12 at 7235. 14 Days Since Spud - WOB = 10-23. GPM = 350. RPM = 95. Diff = 90-150. Torque = 60-110. - Directional drill. Rotate & slide 6,754 to 6,955 ft. 201 ft at 17.5 fph. - Rig service. Function pipe rams. - Directional drill. Rotate & slide 6,955 to 7,235 ft. 280 ft at 23.3 fph.

Daily Cost: \$0

Cumulative Cost: \$1,095,002

FEDERAL 13-24-9-18

Cut & slip drilling line

Date: 11/25/2008

DHS #12 at 7387. 15 Days Since Spud - Cut and slip 112 ft drilling. - Fill drill string. Check communication with probe. - RIH to 4,176 ft. - RIH with BHA & 5 stds drill pipe. Fill drill string. - Directional drill. Rotate & slide 7,235 to 7,387 ft. 152 ft at 14.5 fph. - Pull probe to install new batteries. Break bit. Change out mud motor. MU bit. - Pump pill. Blow down kelly. Pull out of hole. No problems. - Pump high viscosity sweep. Circulate bottoms up. - Install MWD probe. Scribe same. Check communication of MWD.

Daily Cost: \$0

Cumulative Cost: \$1,134,732

FEDERAL 13-24-9-18

Drill 7 7/8" hole with fresh water

Date: 11/26/2008

DHS #12 at 7755. 16 Days Since Spud - WOB = 15-19. RPM = 94. GPM = 350. Torque = 75-105. Diff = 160-220. - Directional drill. Rotate & slide 7,486 to 7,755 ft. 269 ft at 22.4 fph. - Directional drill. Rotate & slide 7,460 to 7,486 ft. 26 ft at 26.0 fph. - Rig service. - Finish slipping 112 ft drilling line. - Precautionary wash & ream 7,272 to 7,387 ft. 3 ft fill. Break in bit. - RIH to 7,272 ft. Picked up 9 singles to replace 6 DC's & worn hardband. - Well flowed. Trapped trip air. Held BOP drill. - Directional drill. Rotate & slide 7,387 to 7,460 ft. 73 ft at 16.2 fph.

Daily Cost: \$0

Cumulative Cost: \$1,191,055

FEDERAL 13-24-9-18

Drill 7 7/8" hole with mud

Date: 11/27/2008

DHS #12 at 8300. 17 Days Since Spud - Directional drill. Rotate & slide 8,068 to 8300'. 232' at 19 fph. - Directional drill. Rotate & slide 7,755 to 7,959 ft. 204 ft at 25.5 fph. - Rig service. - Directional drill. Rotate & slide 7,959 to 8,068 ft. 109 ft at 31.1 fph.

Daily Cost: \$0

Cumulative Cost: \$1,237,595

FEDERAL 13-24-9-18

Drill 7 7/8" hole with mud

Date: 11/28/2008

DHS #12 at 8720. 18 Days Since Spud - 8556'-8561' @ TFO: 350 - Slides: 8336'-8342' @ TFO 345, 8431'-8434' @ TFO: 345, 8494'-8500' @ TFO: 180, - Rotate / slide 8300' - 8494'. (194' @ 17.6 fph) - Rotate / slide 8494' - 8720'. (226' @ 18 fph) - Lubricate rig - WOB: 22-24k, RPM: 102, GPM: 360, Torque: 80-120, Diff: 60-200

Daily Cost: \$0

Cumulative Cost: \$1,279,118

FEDERAL 13-24-9-18**Drill 7 7/8" hole with mud****Date:** 11/29/2008

DHS #12 at 9230. 19 Days Since Spud - Slides: 8744 - 8749 @ TFO 30, 8776 - 8784 @ TFO 60, 8840 - 8844 @ TFO 60, 8966 - 8971 @ TFO 90 - WOB: 22-25k, RPM: 95, GPM: 375, Torque: 50-75, Diff: 150 - 250 psi - Rotate / slide from 8720' - 8903. (183' @ 18.3 fph) - Lubricate rig - Rotate / slide from 8903 - 9230'. (327' @ 24.2 fph)

Daily Cost: \$0**Cumulative Cost:** \$1,315,029**FEDERAL 13-24-9-18****Drill 7 7/8" hole with mud****Date:** 11/30/2008

DHS #12 at 9785. 20 Days Since Spud - Slides: 9439 - 9444' @ TFO 315, 9471 - 9479 @ TFO 360 - WOB: 22-25k, RPM: 95, GPM: 375, Torque: 30-40, Diff: 150-200 - Rotate / slide 9230' - 9501'. (271' @ 24.6 fph) - Lubricate rig - Drill f/ 9501- 9785' (284' @ 23.3 fph). All inclination to drift back to vertical.

Daily Cost: \$0**Cumulative Cost:** \$1,353,748**FEDERAL 13-24-9-18****TOOH Laying down directional tools****Date:** 12/1/2008

DHS #12 at 10036. 21 Days Since Spud - Drill f/ 9785' - 9975'. (190' @ 15.8 fph) - Drill f/ 9975' - 10036'. (61' @ 17.3 fph). Mud motor getting weak, stalling out w/ 18-20k WOB. - Circ and condition for TOOH, circ bottoms up. Prepare slug. - Slug drill pipe, TOOH. Lay down directional tools. - WOB: 22-25k, RPM: 95, GPM: 375, Torque: 40-50, Diff: 150-250 - Slides: None

Daily Cost: \$0**Cumulative Cost:** \$1,390,848**FEDERAL 13-24-9-18****Reaming to bottom****Date:** 12/2/2008

DHS #12 at 10036. 22 Days Since Spud - Cont. tripping out of hole. Lay out 2- IBS. - Trip in hole, tag up undergauge hole @ 9943'. - Ream f/ 9943' to 10010' - Repair break out line - Mix slug - Decision made to lay out IBS. (IBS run to ream hole for core run in Mancos -will core w/ slick bbl) - rotate, lay down 5 joints and start reaming down. Taking approx. 1 hour / joint. - Attempt to work BHA thru 2.33 dogleg @ 7597'. Pick up kelly and attempt to ream down. Unable to - PU bit # 7, Mud Motor and BHA, trip in hole. Tag up @ 7500'. - Trip out of hole to 1600' - Broke break out line.

Daily Cost: \$0**Cumulative Cost:** \$1,420,341**FEDERAL 13-24-9-18****Drill 7 7/8" hole with mud****Date:** 12/3/2008

DHS #12 at 10782. 23 Days Since Spud - Drill f/ 10036' - 10267' (231' @ 30.8 fph) - WOB: 18-22k, ROT: 50-60, GPM: 380, Torque: 60-80, Diff: 200-400 - Drill f/ 10267' - 10782' (515' @ 34.5 fph) - Lubricate rig - Ream hole f/10010' - 10036'

Daily Cost: \$0**Cumulative Cost:** \$1,470,480**FEDERAL 13-24-9-18****TIH****Date:** 12/4/2008

DHS #12 at 11068. 24 Days Since Spud - Circ bottoms up, build slug. - Slug pipe w/ 40 bbls 11 ppg mud, drop totco survey - wait 20 minutes. - Trip out of hole. Lay down mud motor, break off bit. Totco 2.0 Deg. Bit DBR - Shoulder ring. - PU mud motor and monel, make up bit # 8 - Smith Mi 613, Extreme engineering programing Srvy MWD. - Drill f/ 10782' - 11068' (286' @ 23.8 fph). Penetration rate slowed to 5 fph last foot.

Daily Cost: \$0

Cumulative Cost: \$1,513,907

FEDERAL 13-24-9-18**Drill 7 7/8" hole with mud**

Date: 12/5/2008

DHS #12 at 11368. 25 Days Since Spud - Drill f/ 11068' - 11368' (300' @ 21.4 fph). - Trip in hole, wash 47' to bottom. - Cut and slip 100' drill line. - Finish setting up Extreme Survey tool, TIH to 3904'. - WOB: 25 - 28k, ROT: 40, GPM: 380, Torque: 140-170. Diff: 200 - 250

Daily Cost: \$0

Cumulative Cost: \$1,539,956

FEDERAL 13-24-9-18**Drill 7 7/8" hole with mud**

Date: 12/6/2008

DHS #12 at 11465. 26 Days Since Spud - Drill f/ 11383' - 11465' (82' @ 35.6 fph) - WOB: 20-24k, RPM: 45, GPM: 360, Torque: 150-165, Diff: 200-250 - Ream hole f/ 11369' - 11383'. - PU Bit #9 (Hughes 506ZX+), Trip in hole to 11369' - Pump slug, trip out of hole. Max pull 295k lbs, hole took proper fill. - Circ Bottoms up while mixing slug - Drill f/ 11368' - 11383' (15' @ 3.7 fph). Varied drilling parameters, unable to increase ROP - Circ out gas 15 - 20 ft flare

Daily Cost: \$0

Cumulative Cost: \$1,568,204

FEDERAL 13-24-9-18**Drill 7 7/8" hole with mud**

Date: 12/7/2008

DHS #12 at 11964. 27 Days Since Spud - Lubricate Rig - Drill f/ 11808' - 11964' (156' @ 12 fph) - WOB: 25-30k, Rot: 40-45, GPM: 360, Torque: 165, Diff: 150-200 - Drill f/ 11465' - 11808' (343' @ 32.6 fph)

Daily Cost: \$0

Cumulative Cost: \$1,610,309

FEDERAL 13-24-9-18**Drill 7 7/8" hole with mud**

Date: 12/8/2008

DHS #12 at 11986. 28 Days Since Spud - Tight spot, work pipe and jar. Unable to pull up. - PU bit #10 - Smith MSi616, and new mud motor. Trip in hole to 11818'. - Cont. tripping out of hole. Lay down mud motor and bit #9. - Rig repair, change out fuel filters on tank and #2 motor - Trip out of hole - Circ bottoms up, mix slug - Drill f/ 11964 - 11970' (6' @ 4 fph). - Drill f/ 11970' - 11986' (16' @ 32 fph) - Ream hole f/ 11805' to 11970'. Taking less that 2k WOB - Cont. working pipe, pulled to 400k lbs, set jars off, pulled free 3rd time jars went off. - Circ to get gas out of hole.

Daily Cost: \$0

Cumulative Cost: \$1,639,191

FEDERAL 13-24-9-18**TIH**

Date: 12/9/2008

DHS #12 at 12129. 29 Days Since Spud - Drill f/ 12097' - 12129' (32' @ 12.8 fph) Last foot slowed to 6 fph - Lubricate rig - Wait on Extreme Engr. Tech - Need to change out survey

probe. - Slug pipe w/ 40 bbls 12 ppg mud. Trip out of hole. Break off bit#10, Make up Bit #11 Sec FMHX753ZR - Mix pill @ 12 ppg. Circ pill in annulus to 8000'. Torque dropped f/ 134 to 108. - Drill f/ 11986' - 12097' (111' @ 15.8 fph) - Mix and pump 40 bbls slick pill w/ 1 drum quickslide, 4sx Med.Nutplug, 4 sx Mica, 4 sx G-Seal. - Make connection, reaming 3 ft to bottom @ 1fph. Bit torquing up, stalling motor.

Daily Cost: \$0

Cumulative Cost: \$1,668,953

FEDERAL 13-24-9-18

Drill 7 7/8" hole with mud

Date: 12/10/2008

DHS #12 at 12205. 30 Days Since Spud - Extreme Engr. Srvy tool not working. Will drop Totco on bit trip. - WOB: 22 - 24k, RPM: 45, GPM: 350, Torque: 70, Diff: 150 - Drill f/ 12129' - 12205' (76' @ 16.8 fph) - Ream hole f/ 11782' to TD. (WOB:1-2k, RPM:35, GPM: 340, Diff: 20-70 psi.) Increasing MW to 10.3ppg - Break down 2 stands remaining in derrick. - Fill pipe and test survey tool. Not functioning. - TIH to 4015'. - Laydown Extreme Engr. survey probe. Calibrate and install new tool. - Slip and cut 100' drill line - TIH to 11713', tag up on tight spot. Kelly up and ream 60'. Run 1 stand, stacking out, jar loose.

Daily Cost: \$0

Cumulative Cost: \$1,708,234

FEDERAL 13-24-9-18

TIH

Date: 12/11/2008

DHS #12 at 12307. 31 Days Since Spud - Mix and pump 40 bbls 12.5 ppg slick pill into annulus to 8000', mix / pump 40 bbls 12.5 ppg slug - Drop Totco and reset crown-o-matic. - Trip out of hole, lay down bit, motor, monel, and Extreme Engineering survey MWD. Totco: 2.25 deg. - Make up bit #12 - HC506ZX+, trip in hole to 3703' - Drill f/ 12205' - 12307' (102' @ 10.7 fph) Bit slowed to 7 fph w/ 28k WOB.

Daily Cost: \$0

Cumulative Cost: \$1,789,854

FEDERAL 13-24-9-18

Drill 7 7/8" hole with mud

Date: 12/12/2008

DHS #12 at 12590. 32 Days Since Spud - Drill f/ 12490' - 12590' (100' @ 17 fph) - TIH to 12215'. - Install rotating head rubber, attempt to circ, mud line frozen. - Thaw out frozen section of line. - Ream hole f/ 12215' - 12307'. WOB: 1k, RPM: 60 - Drill f/ 12307' - 12490' (183' @ 21.5 fph) - Lubricate rig - Replace swivel packing and washpipe. - Drilling parameters: WOB 20k, Rot: 65, GPM: 370, PP: 1290, Torque: 70

Daily Cost: \$0

Cumulative Cost: \$1,819,040

FEDERAL 13-24-9-18

TIH to 8000'.

Date: 12/13/2008

DHS #12 at 12655. 33 Days Since Spud - Trip back in hole. - Repair drawworks chain - belching gas over bell nipple. Install TIW valve. Install dart valve, open TIW. - around. Break off TIW, and pull one stand out of hole. Well started blowing up drill string and - Totco tool apparently broke thru crows foot and wedged in float. Mix 40 bbls 16 ppg pill and circ - displace to 8000' in annulus. Slug pipe and drop totco - Cont. tripping out of hole to DC. Check for flow - well not flowing. - Drill f/ 12590 - 12655 (65' @ 7.6 fph) WOB: 20-30k, Rot: 50-75, GPM: 375 - Prepare to trip for new bit / motor. Check for flow 15 minutes while Lub. Rig - No flow. Gas - Trip out to 11267', drawwork 1st gear chain broke. - at 3-4k units. Increase mud wt. f/ 10.5 to 10.7 for trip. Pump 40 bbls / 12.5 ppg slick pill and - Pull rotating head rubber. Well started blowing up thru drill string. Stab in TIW valve.

Daily Cost: \$0
Cumulative Cost: \$1,867,793

FEDERAL 13-24-9-18**Drill 7 7/8" hole with mud**

Date: 12/14/2008

DHS #12 at 12670. 34 Days Since Spud - in float shaft area not allowing plunger type float to close. - MU bit # 13 and Mud motor. TIH to 12447. Circulated bottoms up @ 4000' and 8000'. - Tagged up @ 12447, lay down 5 joints. Ream hole 12447' - 12655' (208') - Break off bit, recover totoc - Mis Run. Float malfunction caused by drill beads packed off - Close FOSV and pull stand. Break off and stab in 2nd FOSV, pull stand. Drill string now dead. - Continue TOH to DC. Close FOSV, remove Dart valve. Open FOSV, bleed pressure-blowing gas/mud. - Kelly up and circ out gas. Slug pipe w/ 80 bbls 12.0 ppg mud. (30bbls DP, 50 bbls Annulus) - Repair oiler - well started to flow / surge. Gained 15 bbls - Circ and condition mud to 11.5 ppg. Gas @ 3200 uts. Mud out: 11.2 ppg - gas cut - Trip in hole to 8000' - Drilled f/ 12655' - 12670' (15' @ 30 fph) - TOH to 2488', compound oiler broke

Daily Cost: \$0

Cumulative Cost: \$1,900,329

FEDERAL 13-24-9-18**Drill 7 7/8" hole with mud**

Date: 12/15/2008

DHS #12 at 13443. 35 Days Since Spud - Drill f/ 12908' - 13443' (535' @ 38.2 fph) - Lubricate rig - Drill f/ 12670' - 12908' (238' @ 25 fph) - WOB: 20-25k, Rot: 60-70, Torque: 40-70, Diff: 250-300 psi. MW@ 0600 hrs: 11.1 ppg

Daily Cost: \$0

Cumulative Cost: \$1,928,014

FEDERAL 13-24-9-18**Pumping LCM pill in hole**

Date: 12/16/2008

DHS #12 at 13855. 36 Days Since Spud - Pump 40 bbls / 25 ppb LCM pill @ 45 spm (195 gpm). 50% returns. - Pull bit to 13775', 20 % returns. Shut down pumps while building 25 ppb LCM pill. - Drill f/ 13526' - 13855' (329' @ 16.0 fph). Partial loss circ @ 13800'. Loosing 1 bpm. - Drill f/ 13443' - 13526' (83' @ 41.5 fph) WOB: 28k, RPM: 130, Diff: 250

Daily Cost: \$0

Cumulative Cost: \$1,958,245

FEDERAL 13-24-9-18**TOOH**

Date: 12/17/2008

DHS #12 at 13855. 37 Days Since Spud - Total mud built past 24 hrs: 600 bbls - Continue TOH - Circ hole, weight up 100 bbls premix f/ 10.5 - 12.5 ppg. Spot in annulus. No mud loss - Slug pipe and TOH to 9000'. - Circ out gas cut mud f/ 11985'. Mud losses: 0 bbls, pumped @ 220 gpm - Spot 40 bbl / 25ppb pill on bottom. Circ over top to keep hole full - 1 hr. - Mix and pump 80 bbls / 50 ppb LCM pill, displace into open hole. (1328' in open hole) - Build mud volume f/ 200 bbls to 500 bbls. - Increase pressure to 125 psi - holding. Continue circ over top to build volume and circ active sys. - Close pipe rams and pressure annulus to squeeze LCM into formation - holding @ 65 psi. - TOH to 11985'. (Hole fill: 33 bbls, Calc: 12 bbls, Lost 21 bbls)

Daily Cost: \$0

Cumulative Cost: \$2,051,888

FEDERAL 13-24-9-18**Rig Repair**

Date: 12/18/2008

DHS #12 at 13855. 38 Days Since Spud - Pick up mud motor and bit. Currently thawing flow line. - Thaw mud pump lines to stand pipe, gas buster, and shale shakers. - Install wear bushing. - Test upper & lower kelly valves to 250 for 5 min & 10,000 psig for 10 min. RD tester. - Annular would not open fully. PU 1 std drill collars and work 12-1/4" bit through. - Rig Repair - Replace compound oiler chain and drive sprocket - choke manifold valves to 250 psig for 5 min and 10,000 psig for 10 min. Test annular - Test upper & lower pipe rams. Blind rams, choke & kill line valves, floor valves, and - Pull wear bushing. Rig up B&C Quick test. Wear bushing, okay. - TOOH - to 250 psig for 5 min and 5,000 psig for 10 min, okay.

Daily Cost: \$0

Cumulative Cost: \$2,089,910

FEDERAL 13-24-9-18**Drill 7 7/8" hole with mud**

Date: 12/19/2008

DHS #12 at 13870. 39 Days Since Spud - WOB = 12-15. GPM = 300. Differential = 150. - Thaw flow line. - Break in bit. - Precautionary wash & ream 13,689 to 13,855 ft. - Clean suction screen and re-build pop-off No. 2 pump. - Fill drill string and break circulation. Precautionary wash & ream 13,657 to 13,689 ft. - RIH to 13,657 ft. - Ream bridge at 11,925 to 11,940 ft. Wash and ream to 12,018 ft. - RIH to 11,925 ft. Set down. Could not work through. - RIH to 11,500 ft. Fill drill string and break circulation. Blow kelly dry. - Blow kelly dry and drain gas buster. - Circulate out 12.5 ppg heavy mud and gas at 300 gpm. - RIH to 9,100 ft. Fill drill string and break circulation at 6,000 ft. - Cut and slip 118 ft drilling line. - RIH to 4,100 ft. Fill drill string and break circulation. - PU mud motor and MU bit. RIH with BHA. Install rotating head rubber. - Rotary motor drill 7-7/8" hole 13,855 to 13,870 ft. 15 ft at 30.0 fph.

Daily Cost: \$0

Cumulative Cost: \$2,128,392

FEDERAL 13-24-9-18**TOOH to Core**

Date: 12/20/2008

DHS #12 at 14340. 40 Days Since Spud - Actual bit hours = 13.4 hrs. 485 ft at 36.2 fph. - WOB = 15-17. GPM = 300. RPM = 116. Torque = 120. Differential = 240-280. - Pull out of hole to core. First 5 stands maximum pull = 435,000 lbs. Pull out of hole to core. - Blow down kelly. Drain gas buster. Drain mud pumps. - Pump dry job pill. - Rotary motor drill 7-7/8" hole 13,870 to 14,133 ft. 263 ft at 26.3 fph. - Rotary motor drill 7-7/8" hole 14,228 to 14,340 ft. 112 ft at 24.9 fph. - Rig service. Adjust drawworks brakes. - Rotary motor drill 7-7/8" hole 14,193 to 14,228 ft. 35 ft at 35.0 fph. - Rotary motor drill 7-7/8" hole 14,133 to 14,193 ft. 60 ft at 40.0 fph. - Rig service. - Circulate bottoms up.

Daily Cost: \$0

Cumulative Cost: \$2,170,551

FEDERAL 13-24-9-18**Pick up core barrel assembly**

Date: 12/21/2008

DHS #12 at 14340. 41 Days Since Spud - Rig repair. Replace broken eye bolt on drawworks brake band adjuster. - Pull out of hole to 11,051 ft. - Break off bit. Lay down mud motor. Hole took proper fill. - Pull out of hole. No problems. - Rig down Caliber lay down machine. - Pull out of hole to 9,000 ft. - Strap 75 jts G-105 drill pipe. Set 75 jts S-135 drill pipe on rack. Strap same. - Lay down 75 joints grade G-105 drill pipe. - Held pre-job & safety meeting. Rig up Caliber lay down machine. - Pull out of hole to 5,700 ft. - Circulate bottoms up. Spot 100 bbl 12.5 ppg weighted pill. - Pick up and run in hole 75 joints s-135 drill pipe.

Daily Cost: \$0

Cumulative Cost: \$2,210,715

FEDERAL 13-24-9-18**Wash & ream to Bottom****Date:** 12/22/2008

DHS #12 at 14340. 42 Days Since Spud - Precautionary wash and ream to bottom. Currently at 14,200 ft. - Strap and PU coring assembly. Check torque on all inner & outer barrel connections. - wash & ream intermittent tight spots 13,257 to 13,530 ft. Blow down kelly & mud lines. - RIH to 13,257 ft. - Fill drill string and break circulation. Blow down kelly and mud lines. - Run in hole to 11,575 ft. - Fill drill string and circulate out weighted pill. Blow down kelly and mud lines. - Run in hole to 9,400 ft. - Wash and ream bridges 6,420 to 6,440 ft. Work through bridge at 6,515 ft. Blow down kelly. - Run in hole. Set down at 6,420 ft. - Fill drill string and break circulation. Blow down kelly and mud lines. - Run in hole to 6,300 ft. - Fill drill string and break circulation. Blow down kelly and mud lines. - Thaw mud pump suction line. - Run in hole to 4,193 ft. - RIH to 14,180 ft.

Daily Cost: \$0**Cumulative Cost:** \$2,249,040**FEDERAL 13-24-9-18****TOOH with core barrel****Date:** 12/23/2008

DHS #12 at 14404. 43 Days Since Spud - Circulate bottoms up and gas out of hole. - Pull out of hole to 8,900 ft. No problems. Maximum pull = 395 to 400,000 lbs. - Blow down kelly and mud lines, drain gas buster. - Circulate bottoms up. - Cut 4" core 14,387 to 14,404 ft. 17 ft at 6.8 fph. - Cut 4" core 14,340 to 14,387 ft. 47 ft at 6.71 fph. - Drop ball for core barrel. - Precautionary wash and ream 14,200 to 14,340 ft.

Daily Cost: \$0**Cumulative Cost:** \$2,346,256**FEDERAL 13-24-9-18****TIH****Date:** 12/24/2008

DHS #12 at 14404. 44 Days Since Spud - NOTE: Estimate started coring at 14,342 ft. Cut 62 ft. Recovered 62 ft. - Cut and slip 100 ft drilling line. - Blow down kelly and mud lines. Drain gas buster. - Pick up mud motor and make up bit. RIH to 4,066 ft. - Spot 100 bbls 12.5 ppg weighted pill. - Lay down crossover subs and core barrel jars. - Pull out of hole. No problems. Hole took proper fluid. - Blow down kelly and mud lines. Drain gas buster. - Lay down core. 62 ft recovered. Break bit and lay down core barrel.

Daily Cost: \$0**Cumulative Cost:** \$2,401,940**FEDERAL 13-24-9-18****Drill 7 7/8" hole with mud****Date:** 12/25/2008

DHS #12 at 14660. 45 Days Since Spud - WOB = 10-12. RPM = 104. GPM = 300. Torque = 160-180. Differential = 230-250. - Cut and slip 100 ft drilling line. - Rotary motor drill 7-7/8" hole 14,404 to 14,660 ft. 256 ft at 32.0 fph. - Break in bit. - Precautionary wash and ream 14,300 to 14,404 ft. - Fill drill string and break circulation. - Run in hole to 14,300 ft. No problems. - Fill drill string and break circulation. Blow down kelly and mud lines. - Run in hole to 11,800 ft. No problems. - Blow down kelly and mud lines. - Circulate out weighted pill. - Run in hole to 9,600 ft. No problems. - Blow down kelly and mud lines. - Rig repair. Replace link on rotary chain. Circulate hole while repairing chain. - Fill drill string and break circulation. Rotary chain had link break. - Run in hole to 6,690 ft. No problems. - Actual bit hours on bottom = 6.1 hrs for 42.0 fph.

Daily Cost: \$0**Cumulative Cost:** \$2,441,714**FEDERAL 13-24-9-18****Spot LCM pill**

Date: 12/26/2008

DHS #12 at 15163. 46 Days Since Spud - Rig service. - Rotary motor drill 7-7/8" hole 14,825 to 14,925 ft. 100 ft at 33.3 fph. - Work through fractures at 14,825 ft. - rotary motor drill 7-7/8" hole 14,925 to 14,988 ft. 63 ft at 25.2 fph. - Spot 50 bbls 25 ppb LCM pill. - Lost returns. Build 50 bbls 25 ppb LCM pill. LD 1 single to 15,100 ft. Lost 76 bbls. - Rotary motor drill 7-7/8" hole 14,988 to 15,163 ft. 175 ft at 20.6 fph. - Rotary motor drill 7-7/8" hole 14,660 to 14,825 ft. 165 ft at 33.0 fph.

Daily Cost: \$0**Cumulative Cost:** \$2,476,527

FEDERAL 13-24-9-18**Lay Down Mud Motor****Date:** 12/27/2008

DHS #12 at 15163. 47 Days Since Spud - Losses for day = 315 bbls. - Pull BHA. Lay down drilling jars. Hole took over correct displacement. - Pull rotating head rubber. - POOH to BHA. - Pump dry job. POOH. Blow down kelly and mud lines. - Complete spotting 50 bbls. 25 ppb LCM pill. - Attempt to break circulation w/o success. Lost 49 bbls. - Pump dry job. POOH 15 stands to 12,850 ft. No problems. - Finish transfer of 100 bbls 11.0 ppg mud from pre-mix to active system. - Rotate drill string and circulate over top of hole. Hole stable. - POOH 5 stands to 14,633 ft. Took proper fill. Drill string wet. - Transfer 57 bbls 11.0 ppg mud from pre-mix to active system.

Daily Cost: \$0**Cumulative Cost:** \$2,526,194

FEDERAL 13-24-9-18**Circulate & Condition Hole****Date:** 12/28/2008

DHS #12 at 15163. 48 Days Since Spud - Run in hole to 11,500 ft. - Circulate and condition hole. Blow down kelly and mud lines. - Thaw stand pipe at bottom of sub. - Run in hole to 9,500 ft. - Circulate and condition. Blow down kelly and mud lines. - Thaw gas buster. Remove return line & thaw and clean out. - Transfer 90 bbls 11.0 ppg mud from pre-mix to active system. Thaw gun line, hopper & - Circulate hole. No losses. Blow down kelly and mud lines. - PU 17 jts DP. RIH to 5,550 ft. - Circulate and condition mud. No losses. PU 17 jts G-105 drill pipe to replace BHA. - Make up tri-cone bit w/o jets and bit sub with flapper float. RIH to 3,500 ft. - Lay down mud motor. - centrifugal pump lines, trip tank, and reserve pit pump. - RIH to 7,500 ft.

Daily Cost: \$0**Cumulative Cost:** \$2,559,661

FEDERAL 13-24-9-18**Waiting on Cement****Date:** 12/29/2008

DHS #12 at 15163. 49 Days Since Spud - Circulate and condition hole while waiting on cement. - POOH 6 stands + 1 single to 14,580 ft. - Spot 20 sks 14.2 ppg cement + additives from 15,138 to 15,035 ft. - Blow down kelly. Rig up BJ Cementers on floor. Test cement line to 4,000 psig. - BJ Cementers on location 18:30 hrs. Held pre-job & safety meeting. RU cementers. - Circulate and condition hole. Circulate out gas. Blow down kelly & mud lines. - Precautionary wash and ream 15,025 to 15,143 ft. - Blow down kelly and mud lines. Run in hole to 15,025 ft. No problems. - Circulate and condition hole. Hole stable. - Run in hole to 13,550 ft. No problems. - Circulate and condition hole to spot cement plug on bottom. Hole stable.

Daily Cost: \$0**Cumulative Cost:** \$2,625,643

FEDERAL 13-24-9-18**Rig Repair**

Date: 12/30/2008

DHS #12 at 15163. 50 Days Since Spud - Repair compound oiler oiler. Chain and sprocket came off pump. - Wait on cement. Circulate and condition hole. Hole stable. - Build & pump dry job. - POOH to 8,200 ft. Drill pipe wet. - Blow down kelly and mud lines. Drain gas buster. Fill trip tank. - Circulate bottoms up. Spot 100 bbls 13.0 ppg weighted pill. - Pull out of hole to 9,011 ft. No problems. - Blow down kelly and mud lines. Fill trip tank. - Spot 100 bbls 13.0 ppg weighted pill. - Re-connect all mud lines to spot weighted pill. - POOH to 12,748 ft. - Pump dry job. Blow down kelly and mud lines. Drop Totco survey. Drain gas buster. Fill trip tank - Circulate bottoms up. Cement in samples was soft to medium. - Set down at 14,906 ft. Wash & ream 14,982 to 15,050 ft. Last 3 ft, 10M WOB. - RIH w/6 stands. LD 6 singles. - POOH to 5,953 ft.

Daily Cost: \$0**Cumulative Cost:** \$2,664,673

FEDERAL 13-24-9-18**Logging****Date:** 12/31/2008

DHS #12 at 15163. 51 Days Since Spud - Currently at 10,800 ft. Hole static. - Log Run No. 2. Imager. Set down at 14,180 ft. Log up to top of Mesaverde. - Log Run No.1. Triple-Combo. Loggers TD = 15,030 ft. Hole took 4 bbls fluid. - Rig repair. Repair compound oiler. - Break off bit. Recover dropped survey. Mis-run. - Pull out of hole for logs. No problems. Hole took 10 bbls over calculated fill. - Held pre-job and safety meeting. Rig up Halliburton.

Daily Cost: \$0**Cumulative Cost:** \$2,802,940

FEDERAL 13-24-9-18**Wash & Ream****Date:** 1/1/2009

DHS #12 at 15163. 52 Days Since Spud - Log run No. 2. Lost 2 bows from bottom centralizer. 1" W x 1/16" t x 26" L. - Run in hole to 9,205 ft. No problems. - PU mud motor & stand drill collars. Break off bit. Stand back collars. LD mud motor. - Run in hole to 4,100 ft. - Cut and slip 108 ft drilling line. - Hook up mud line. Fill drill string & break circulation. Blow down kelly & mud lines. - Run in hole to 6,616 ft. No problems. - Fill drill string & break circulation. Blow down kelly & mud lines. - Fill drill string & break circulation. Wash & ream 14,165 to 14,208 ft. - Run in hole to 14,185 ft. Set down. - Fill drill string & circulate weighted pill out of hole. Blow down kelly and mud lines. - Run in hole to 13,260 ft. No problems. - Fill drill string and break circulation. Blow down kelly and mud lines. - Run in hole to 11,600 ft. No problems. - Fill drill string & circulate weighted pill out of hole. Blow down kelly and mud lines. - Rig down Halliburton Loggers.

Daily Cost: \$0**Cumulative Cost:** \$2,836,204

FEDERAL 13-24-9-18**TOOH to Surface Casing****Date:** 1/2/2009

DHS #12 at 15163. 53 Days Since Spud - Wash & ream 14,208 to 14,241 ft. Blow down kelly and mud lines. - Wash and ream 14,956 to 15,050 ft. Hole stable. - Circulate & condition hole to lay down drill string. RU Caliber LD machine. - Pump dry job. Blow down kelly and mud lines. Drain gas buster. - Run in hole 14,241 to 14,336 ft. - Wash & ream 14,336 to 14,399 ft. Hole stable. - Rig repair. Low drum chain broke. Replace chain. - Wash & ream 14,925 to 14,956 ft. Hole stable. - Run in hole 14,399 to 14,925 ft. - Lay down 192 joints drill pipe to 9,015 ft. Hole took proper fill. - Fill drill string. Circulate bottoms up. Lost returns. Lost 140 bbls. - Check surface system for losses. - Rig down lay down machine. - Blow down kelly and mud lines. Drain gas buster. - POOH wet to casing shoe. Currently at 8,000 ft.

Daily Cost: \$0**Cumulative Cost:** \$2,863,313

FEDERAL 13-24-9-18**Stage in Hole****Date:** 1/3/2009

DHS #12 at 15163. 54 Days Since Spud - Run in hole to 4,875 ft. - Loss rate = 66 bph. - Circulate at 160 gpm. - Rig service. - Blow down kelly and mud lines. - Run in hole. Currently at 5,300 ft. - POOH wet 8,000 to 7,053 ft. - Fill hole. 5 bbls short. Circulate over top of hole with no losses while building pill. - Pump 25 bbl 12.5 ppg dry job. Blow down kelly and mud lines. - POOH 7,053 to 3,870 ft. - Circulate over hole. Condition mud and add LCM to 8 ppb. - Fill drill string. Took 34 bbls to get pressure and partial returns. Lost 11 bbls in 10 min. - No losses. Blow down kelly and mud lines. - Fill drill string and break circulation at 3,870 ft. Circulate bottoms up. Circulate & condition. - Build volume 489 to 786 bbls. Condition surface volume and reduce MW to 10.9 ppg. Add LCM. - Fill drill string & break circulation. Circulate bottoms up. Circulate & condition hole. No losses

Daily Cost: \$0**Cumulative Cost:** \$2,918,393**FEDERAL 13-24-9-18****TIH****Date:** 1/4/2009

DHS #12 at 15163. 55 Days Since Spud - Circulate & condition hole. Hole static. Blow down kelly and mud lines. - Pick up singles drill pipe. RIH to 11,003 ft. - Circulate & condition hole. Hole static. Blow down kelly and mud lines. RU LD machine. - Run in hole to 9,015 ft. No problems. - Circulate & condition hole. Hole static. Blow down kelly and mud lines. - Clean suction screen on No. 1 mud pump. - Run in hole to 5,804 ft. No problems. - Circulate & condition hole. Hole static. Blow down kelly & mud lines. - Run in hole to 6,976 ft. No problems. - Circulate & condition hole. Hole static. Blow down kelly and mud lines. - Pick up singles drill pipe. RIH. Currently at 12,805 ft. - Circulate & condition hole. Hole static. Blow down kelly and mud lines. - Run in hole to 7,925 ft. No problems.

Daily Cost: \$0**Cumulative Cost:** \$2,947,326**FEDERAL 13-24-9-18****Lay Down Drill Pipe/BHA****Date:** 1/5/2009

DHS #12 at 15163. 56 Days Since Spud - POOH. LD drill pipe singles. No problems. Currently at 8,398 ft. - Blow down kelly and mud lines. Drain gas buster. - Circulate bottoms up. Spot 100 bbls 12.5 ppg weighted pill. - POOH. LD drill pipe singles 9,024 ft. No problems. Hole took correct fluid. - Pump dry job pill. Blow down kelly and mud lines. Drain gas buster. - Circulate & condition hole to lay down drill pipe. - Precautionary wash and ream 14,925 to 15,050 ft. - Rig down lay down machine. - Pick up drill pipe singles. RIH to 14,925 ft. No problems. - Repair cylinder on drill pipe lift arm. - Pick up drill pipe singles. RIH to 14,095 ft. No problems. - Blow down kelly and mud lines. - Switch to No. 2 mud pump. Complete circulation. Hole static. - Circulate and condition hole with Mud pump No. 1. Clean suction screen twice. - Pick up drill pipe singles. RIH to 13,022 ft. No problems.

Daily Cost: \$0**Cumulative Cost:** \$2,977,625**FEDERAL 13-24-9-18****Running casing****Date:** 1/6/2009

DHS #12 at 15163. 57 Days Since Spud - Float collar. Clean out LCVM. Noticed galled pin. - Wait on new float collar. - MU Float shoe, shoe joint, float collar w/ latch down baffle, 2 joints. - rig up Caliber casing crew. - Held pre-job and safety meeting. - Pull wear bushing. - Lay down 15 drill collars. Break off bit and bit sub. - Pick up. Break kelly. Set back kelly. - RIH with drill collars. - Finish lay down drill pipe. No problems. Hole took 3 bbls over calculator. -

Blow down kelly and mud lines. - Drill string came wet. Mix and pump 25 bbls 12.5 ppg dry job. - POOH. Lay down drill pipe singles. No problems. - Thread locked float shoe, shoe joint, and both ends float collar. - Make up new float collar w/latch down baffle, 2 joints. Circulate through shoe track, okay. - Pump through shoe track. Plugged float collar with LCM material. LD 2 joints. Break out

Daily Cost: \$0

Cumulative Cost: \$3,006,113

FEDERAL 13-24-9-18**Circulate & Condition Hole**

Date: 1/7/2009

DHS #12 at 15163. 58 Days Since Spud - Circulate and condition hole. Circulate out weighted pill. - run 5-1/2" to 892 ft. Used safety clamp. - Run 5-1/2" casing to 9,009 ft. Install gas buster outlet line. Change to 200 ton tools. - Install gas buster inlet line. Remove gas buster outlet line. Fill casing. Blow down lines. - Run 5-1/2" casing to 8,104 ft. Thaw gas buster inlet line. - Circulate down flowline. Gas buster inlet & outlet frozen. - Run 5-1/2" casing to 7,031 ft. - Install rotating head rubber. Fill casing & break circulation. Blow down lines. - Run 5-1/2" casing to 6,056 ft. - Fill casing & break circulation. Blow down fill up line and mud lines. - Run 5-1/2" casing to 5,031 ft. - Fill casing. Blow down fill up line and mud lines. - Run 5-1/2" casing to 4,027 ft. - Blow down fill up line and mud lines. - Fill casing & break circulation. Running over BOP stack. Install drilling nipple. - Run 5-1/2" casing to 3,030 ft. - Fill casing and circulate. Blow down fill up line and mud lines. - Run 5-1/2" casing to 9,134 ft. Fill drill string. Circulate through gas buster, okay.

Daily Cost: \$0

Cumulative Cost: \$3,042,186

FEDERAL 13-24-9-18**Waiting on Cement**

Date: 1/8/2009

DHS #12 at 15163. 59 Days Since Spud - Rig down BJ Cementers. - Floats held. Full returns throughout job. Reciprocated casing until 1/3 of displacement gone. - 14.2 ppg. Displaced with 333 bbls 4% KCL water. Bumped plug at 4,350 psig. 750 psig over. - Pump 455 sks lead slurry + additives at 11.7 ppg followed by 944 sks tail slurry + additives at - Pressure test cement line to 6,000 psig. Pump 20 bbls mud clean 1 and 20 sks scavenger slurry. - Circulate out weighted pill. Circulate & condition hole. Blow down lines. - Circulate and condition hole to cement casing. Hole static. - Run 5-1/2" casing. Tag bottom at 15,050 ft. - Run 5-1/2" casing to 14,193 ft. Fill & break circulation at 11,320 & 14,193 ft. - Install 200 ton casing slips. - Held pre-job & safety meeting. Rig up BJ cementers.

Daily Cost: \$0

Cumulative Cost: \$3,386,370

FEDERAL 13-24-9-18**Rigging down**

Date: 1/9/2009

DHS #12 at 15163. 60 Days Since Spud - Prepared mud chemicals for back load. - break down choke house. Remove and load out hydraulic choke & and control panel. - Break down kelly & lay down same. LD swivel. Clean floor. - Wait on cement. Prepare BOP stack to lift. Rig down choke and kill lines. - clean pre-mix and trip tanks. Release rental equipment not being used. - Lift BOP stack. Set casing slips weight as cemented. 200,000 lbs down. - Disconnect koomey lines and turnbuckles. Break and remove casinghead bolts. - back load 2 - BJ cement silos, 500 bbl water tank, Swaco bulk barite silo.

Daily Cost: \$0

Cumulative Cost: \$3,551,515

FEDERAL 13-24-9-18**Rigging down**

Date: 1/10/2009

DHS #12 at 15163. 61 Days Since Spud - NOTE: Will have 10 trucks this morning to haul loads. - Clean shale shaker mud tank. - Rig down choke house and gas buster flare lines. - Released DHS Rig No. 12 at 06:00 AM Friday 09 January 2009. - Back loaded all mud materials. - Rig down and prepare rig to move. - Back load pre-mix tank and 150 KW generator.

Daily Cost: \$0

Cumulative Cost: \$3,594,426

FEDERAL 13-24-9-18

Rigging down

Date: 1/11/2009

DHS #12 at 15163. 62 Days Since Spud - Mud tanks are clean. Cellar is pumped out and clean. - Derrick laid over at 3:00 PM. - Rig down DHS No. 12. - 6 - drill pipe tubs plus pipe racks. 2 - loads drill collars & subs + kelly & shuck & mousehole. - Moved 12 truck loads to ZECO yard in Vernal, UT. - 1 - safety house, 1 - junk tub, 1 - koomey house, & 1 - choke house & parts house.

Daily Cost: \$0

Cumulative Cost: \$3,620,505

FEDERAL 13-24-9-18

Rigging down

Date: 1/12/2009

DHS #12 at 15163. 63 Days Since Spud - NOTE: Returned 3,691 galls diesel fuel to Western Petroleum for credit. - Rig down. Prepare mud tanks, substructure and derrick for trucks & cranes. - Load out 7 trucks: Diesel fuel tank, light plant, 2 - mud pumps, rig water tank, boiler - and 1 - load mating boards.

Daily Cost: \$0

Cumulative Cost: \$3,630,083

FEDERAL 13-24-9-18

Final report

Date: 1/13/2009

DHS #12 at 15163. 64 Days Since Spud - NOTE: All rental equipment released. - NOTE: Hauled all Newfield items to Newfield field yard. - boards & derrick stand, and 1 - V-door, derrick board, & kelly hose. - Rig down and move out DHS No. 12 - 1 - gas buster & vacuum degasser, 1 - pipe tub, 1 junk tub, 1 drawworks & motors, - Load out 20 trucks. 6 - substructure, 2 - doghouses, 2 - mud tanks, - 1 - change house, 1 substructure spreaders, 1 junk tub & hydro-matic, 1 - mating **Finalized**

Daily Cost: \$0

Cumulative Cost: \$3,651,588

Pertinent Files: Go to File List

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 713' FSL & 489' FWL (SW/SW) SEC. 24, T9S, R18E

At top prod. interval reported below

At total depth **BHL 554 FSL 400 FWL SWSW 5-24 T09SR18E**

14. Date Spudded
06/21/2008

15. Date T.D. Reached
03/12/2009

16. Date Completed 03/12/2009
☐ D & A ☒ Ready to Prod.

17. Elevations (DI, RKB, RT, GL)*
4921' GL 4933' KB

18. Total Depth: MD 15163'
TVD 15113'

19. Plug Back T.D.: MD 14989'
TVD 14939'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (lb/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" K-55	32#		3998'		70 CLASS G			
7-7/8"	5-1/2"	20#		15030'		475 PRIMLITE			
	HCP-100					944 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	EOT@10988'	TA @ n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A)			(1) 14634'-14732'	.35"	3	294
B)			(2) 14478'-14544'	.35"	3	198
C)			(3) 14320'-14384'	.35"	3	192
D)			(4) 14102'-14238'	.35"	3	408

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
14634'-14732'	Frac w/ 10800# 100 Mesh 72900# 40/70 white sand
14478'-14544'	Frac w/ 10850# 100 Mesh 73500# 40/70 white sand
14320'-14384'	Frac w/ 10600# 100 Mesh 72200# 40/70 white sand
14102'-14238'	Frac w/ 10780# 100 Mesh 73000# 40/40 white sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/13/09	03/17/08	24	→	0	2653	2059			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

RECEIVED

JUN 23 2009

DIV. OF OIL, GAS & MINING

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

- (5) 13288'-13472' 3/562 Frac w/ 11480 100 Mesh 72815# 40/70 white
 (6) 12992'-13140' 3/444 Frac w/ 10816# 100 Mesh 73778# 40/70 white
 (7) 12826'-12846' 3/60 Frac w/ 3800# 100 Mesh 63780# 40/70 white 28310# 40/70 Prime plus
 (8) 12438'-12644' 3/618 Frac w/ 3626# 100 Mesh 143180# 40/70 white 64300# 40/70 Primeplus
 (9) 12198'-12300 3/306 Frac w / 5120# 100 mesh 104600# 40/70 white 47250 40/70 Primeplus
 (10) 11694'-11814' 3/360 Frac w/ 4970# 100 Mesh 94800# 40/70 white 46100 40/70 Primeplus
 (11) 11553'-11590' 3/111 Frac w/ 4763# 100 Mesh 82800# 40/70 white 40900# 40/70 Prime plus
 (12) 11320'-11458' 3/414 Frac w/ 5056# 100 Mesh 86400# 40/70 white 39700# 40/70 prime plus
 (13) 11030'-11213' 3/549 Frac w/ 6600# 100 Mesh 137800# 40/70 white 38300# 40/70 prime plus

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Jennifer Park Title Production Clerk
 Signature [Signature] Date 06/23/2009

Title 18 U.S.C. Section 1001 and Title 47 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Formation Tops	MD	TVDSS	TVD	Description
SAR_WASATCH	5,509	-541	5,490	Top Wasatch
SAR_TOP_CONTINUOUS_GAS	10,124	-5,140	10,089	Top of Continuous Gas
SAR_DARK_CANYON	9,358	-4,374	9,323	Top Dark Canyon Alluvial Fan
SAR_DARK_CANYON_SM1	9,498	-4,514	9,463	Dark Canyon Shale Marker 1
SAR_KMV	9,656	-4,672	9,621	Top KMV Price River
SAR_MIDDLE_PRICE_RIVER	10,527	-5,542	10,491	Middle Price River
SAR_BLUE_CASTLE	10,711	-5,726	10,675	Top of the Blue Castle
SAR_BASE_BLUE_CASTLE	10,906	-5,922	10,871	Base Blue Castle
SAR_LOWER_PRICE_RIVER	11,086	-6,102	11,051	Lower Price River
SAR_SEGO	11,729	-6,744	11,693	Top Sego
SAR_CASTLEGATE	11,855	-6,870	11,819	Top Castlegate
SAR_BASE_CASTLEGATE	12,161	-7,176	12,125	Base Castlegate
SAR_DESERT_BHWK	12,164	-7,179	12,128	Top of the Desert memebr of the Blackhawk
SAR_GRASSY_BHWK	12,259	-7,274	12,223	Grasssy member of the Blackhawk
SAR_SUNNYSIDE_BHWK	12,371	-7,386	12,335	Sunnyside member of the Blackhawk
SAR_KENILWORTH_BHWK	12,595	-7,609	12,558	Sunnyside member of the Blackhawk
SAR_ABERDEEN_BHWK	12,711	-7,726	12,675	Aberdeen member of the Blackhawk
SAR_SPRING_CANYON_BHWK	12,824	-7,838	12,787	Spring Canyon Memembr of the Blackhawk
SAR_BASE_SC_SHOREFACE	12,869	-7,884	12,833	Base Spring Canyon Shoreface Sands
SAR_MANCOS	12,937	-7,952	12,901	Top Mancos
SAR_MANCOS_ALPHA	13,134	-8,148	13,097	Mancos_Alpha
SAR_MANCOS_BRAVO	13,204	-8,219	13,168	Mancos_Bravo
SAR_MANCOS_CHARLIE	13,263	-8,278	13,227	Mancos_Charlie
SAR_MANCOS_B	13,286	-8,301	13,250	Top Mancos B
SAR_BASE_MANCOS_B	13,403	-8,417	13,366	Base Mancos B
SAR_MANCOS_DELTA	13,407	-8,422	13,371	Mancos_Delta
SAR_MANCOS_ECHO	13,632	-8,646	13,595	Mancos_Echo
SAR_MANCOS_FOXTROT	13,762	-8,776	13,725	Mancos_Foxtrot
SAR_MANCOS_GOLF	14,012	-9,027	13,976	Mancos_Golf
SAR_MANCOS_HOTEL	14,341	-9,355	14,304	Mancos_Hotel
SAR_MANCOS_INDIA	14,678	-9,692	14,641	Mancos_India
SAR_MANCOS_JULIET	14,966	-9,980	14,929	Mancos_Juliet



Scientific Drilling

Survey Report

CONFIDENTIAL

Company: Newfield Exploration Co.
 Project: Uintah County, UT NAD83 UTC
 Site: Federal
 Well: Federal 13-24-9-18
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well Federal 13-24-9-18
 TVD Reference: GL 4929' & RKB 28' @ 4957.00ft (DHS 12)
 MD Reference: GL 4929' & RKB 28' @ 4957.00ft (DHS 12)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.16 Multi User DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,380.00	3.89	229.78	4,378.51	-6.24	-10.33	10.85	1.34	1.34	-1.54
4,474.00	5.16	226.50	4,472.21	-11.21	-15.84	18.02	1.38	1.35	-3.49
4,568.00	6.37	223.20	4,565.73	-17.92	-22.47	27.26	1.33	1.29	-3.51
4,661.00	7.84	219.83	4,658.02	-26.55	-30.07	38.63	1.64	1.58	-3.62
4,757.00	9.03	216.61	4,752.98	-37.63	-38.75	52.65	1.33	1.24	-3.35
4,850.00	10.32	214.26	4,844.65	-50.37	-47.80	68.26	1.45	1.39	-2.53
4,944.00	11.79	212.91	4,936.91	-65.39	-57.75	86.28	1.59	1.56	-1.44
5,038.00	12.63	212.08	5,028.78	-82.16	-68.43	106.16	0.91	0.89	-0.88
5,133.00	11.82	211.69	5,121.62	-99.24	-79.06	126.28	0.86	-0.85	-0.41
5,228.00	11.03	211.29	5,214.74	-115.29	-88.89	145.09	0.84	-0.83	-0.42
5,324.00	10.69	211.32	5,309.02	-130.74	-98.29	163.17	0.35	-0.35	0.03
5,418.00	10.44	211.24	5,401.43	-145.47	-107.24	180.40	0.27	-0.27	-0.09
5,512.00	10.43	209.86	5,493.87	-160.13	-115.89	197.41	0.27	-0.01	-1.47
5,607.00	10.30	208.35	5,587.32	-175.06	-124.20	214.46	0.32	-0.14	-1.59
5,703.00	10.17	208.65	5,681.80	-190.05	-132.34	231.46	0.15	-0.14	0.31
5,797.00	9.36	208.18	5,774.43	-204.07	-139.93	247.36	0.87	-0.86	-0.50
5,892.00	8.86	207.86	5,868.23	-217.35	-147.00	262.34	0.53	-0.53	-0.34
5,986.00	7.60	208.20	5,961.26	-229.23	-153.32	275.75	1.34	-1.34	0.36
6,081.00	7.62	208.14	6,055.43	-240.32	-159.26	288.29	0.02	0.02	-0.06
6,176.00	6.94	206.99	6,149.66	-250.99	-164.83	300.27	0.73	-0.72	-1.21
6,270.00	6.31	210.15	6,243.03	-260.52	-170.01	311.08	0.77	-0.67	3.36
6,366.00	5.81	210.42	6,338.50	-269.27	-175.12	321.20	0.52	-0.52	0.28
6,460.00	5.70	209.11	6,432.02	-277.46	-179.80	330.61	0.18	-0.12	-1.39
6,555.00	4.48	215.81	6,526.65	-284.58	-184.26	339.03	1.43	-1.28	7.05
6,648.00	3.31	217.88	6,619.43	-289.65	-188.04	345.33	1.27	-1.26	2.23
6,743.00	1.49	227.11	6,714.34	-292.65	-190.62	349.26	1.95	-1.92	9.72
6,838.00	1.57	213.80	6,809.31	-294.57	-192.25	351.76	0.38	0.08	-14.01
6,933.00	0.82	184.36	6,904.29	-296.33	-193.03	353.86	1.00	-0.79	-30.99
7,028.00	0.41	169.96	6,999.28	-297.35	-193.02	354.50	0.46	-0.43	-15.16
7,123.00	0.46	207.13	7,094.28	-298.02	-193.14	355.13	0.30	0.05	39.13
7,218.00	0.47	196.96	7,189.28	-298.73	-193.42	355.88	0.09	0.01	-10.71
7,312.00	0.57	126.91	7,283.28	-299.38	-193.16	356.29	0.64	0.11	-74.52
7,408.00	1.12	52.31	7,379.27	-299.10	-192.04	355.44	1.16	0.57	-77.71
7,503.00	1.99	48.16	7,474.23	-297.43	-190.07	352.97	0.92	0.92	-4.37
7,597.00	4.15	40.54	7,568.09	-293.75	-186.65	348.02	2.33	2.30	-8.11
7,690.00	3.74	39.54	7,660.87	-288.86	-182.53	341.67	0.45	-0.44	-1.08
7,782.00	5.15	31.55	7,752.59	-283.02	-178.46	334.56	1.67	1.53	-8.68
7,875.00	4.07	36.07	7,845.29	-276.80	-174.33	327.09	1.22	-1.16	4.86
7,969.00	4.77	44.12	7,939.01	-271.30	-169.65	319.93	0.99	0.74	8.56
8,063.00	4.61	48.16	8,032.70	-265.97	-164.11	312.45	0.39	-0.17	4.30
8,159.00	4.80	35.46	8,128.38	-260.13	-158.91	304.71	1.10	0.20	-13.23
8,253.00	4.71	36.67	8,222.05	-253.83	-154.32	296.93	0.14	-0.10	1.29
8,348.00	5.24	29.31	8,316.70	-246.92	-149.87	288.71	0.87	0.56	-7.75
8,442.00	5.02	32.96	8,410.32	-239.72	-145.53	280.32	0.42	-0.23	3.88
8,535.00	4.83	28.86	8,502.98	-232.88	-141.42	272.34	0.43	-0.20	-4.41
8,630.00	4.63	19.90	8,597.65	-225.77	-138.19	264.62	0.80	-0.21	-9.43
8,724.00	4.47	21.25	8,691.36	-218.79	-135.57	257.33	0.20	-0.17	1.44
8,820.00	5.31	30.34	8,787.01	-211.47	-131.97	249.23	1.19	0.87	9.47
8,914.00	4.84	31.01	8,880.64	-204.32	-127.73	240.92	0.50	-0.50	0.71
9,008.00	5.28	33.71	8,974.27	-197.32	-123.29	232.64	0.53	0.47	2.87
9,102.00	4.35	38.30	9,067.94	-190.92	-118.68	224.76	1.07	-0.99	4.88
9,195.00	5.14	33.02	9,160.62	-184.66	-114.22	217.08	0.97	0.85	-5.68
9,294.00	4.23	37.96	9,259.29	-178.07	-109.56	209.01	1.00	-0.92	4.99
9,387.00	3.38	43.65	9,352.09	-173.38	-105.56	202.90	1.00	-0.91	6.12



Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
 Project: Uintah County, UT NAD83 UTC
 Site: Federal
 Well: Federal 13-24-9-18
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well Federal 13-24-9-18
 TVD Reference: GL 4929' & RKB 28' @ 4957.00ft (DHS 12)
 MD Reference: GL 4929' & RKB 28' @ 4957.00ft (DHS 12)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.16 Multi User DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,482.00	3.11	44.57	9,446.93	-169.52	-101.81	197.63	0.29	-0.28	0.97
9,577.00	2.18	37.64	9,541.83	-168.25	-98.90	193.30	1.03	-0.98	-7.29
9,670.00	1.93	62.72	9,634.77	-164.13	-96.43	190.18	0.99	-0.27	26.97
9,765.00	1.10	54.18	9,729.74	-162.86	-94.27	187.94	0.90	-0.87	-8.99
9,860.00	1.57	72.28	9,824.71	-161.93	-92.29	186.08	0.66	0.49	19.05
9,954.00	0.89	76.72	9,918.69	-161.37	-90.35	184.56	0.73	-0.72	4.72
9,984.00	1.38	87.95	9,948.69	-161.31	-89.76	184.18	1.79	1.63	37.43
10,036.00	1.38	87.95	10,000.67	-161.26	-88.51	183.47	0.00	0.00	0.00

Projection to TD

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
4,098.00	4,096.76	1.17	-1.49	First SDI MWD Survey
10,036.00	10,000.67	-161.26	-88.51	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67549			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 13-24-9-18			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43047392120000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0713 FSL 0489 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 24 Township: 09.0S Range: 18.0E Meridian: S		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH COUNTY: UINTAH STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/29/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Well Clean Out </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Well Clean Out
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Well Clean Out			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Due to the scale and corrosion tendencies, Newfield will be doing a well clean out of the wellbore with the intention to increase hydrocarbon production and bring the well back up to economic production volumes.					
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825			
SIGNATURE N/A		TITLE Regulatory Tech DATE 8/29/2016			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67549
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 13-24-9-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0713 FSL 0489 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 24 Township: 09.0S Range: 18.0E Meridian: S		9. API NUMBER: 43047392120000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/7/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Well Clean Out"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The well clean out has been completed on the above mentioned well. See attached job summary report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 16, 2016		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 9/9/2016	

NEWFIELD**Summary Rig Activity****Well Name: Federal 13-24-9-18**

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date 8/29/2016	Report End Date 8/29/2016	24hr Activity Summary MIRU WOR. Kill well. NU BOPs & pressure test. Unland tbg and prep to pull tbg in am.
Start Time 02:00	End Time 03:00	Comment Crew travel
Start Time 03:00	End Time 07:00	Comment LOAD OUT, MOVE FROM DRILLING YARD TO FEDERAL 13-24-9-18, MIRU
Start Time 07:00	End Time 11:30	Comment BLOW DOWN 60 PSI FROM TBG, 500 PSI FROM CSG UNTIL 11:00. PUMP 20 BBLS DOWN TBG, 40 BBLS DOWN CSG.
Start Time 11:30	End Time 14:00	Comment STACK BOP STACK 15K-10K FLANGE, 10K PIPE RAM, X-OVER SPOOL, 5K MUD CROSS, 5K BOP, WASHINGTON HEAD. TEST STACK- OKRU FLOOR, TBG WORKS.
Start Time 14:00	End Time 15:00	Comment BLOW DOWN TBG, CSG, REMOVE 2 WAY CHECK.
Start Time 15:00	End Time 17:30	Comment MU PUP JT, PUMP DOWN TBG, CSG. PU ON TBG, WORK FROM 80,000-114,000#, TBG COME FREE. REMOVE HANGER, TOO H W/ 2 JTS 2 3/8" L-80 TBG(HANG UP 2 MORE TIMES) SDFN@5:30PM
Start Time 17:30	End Time 18:30	Comment Crew travel
Report Start Date 8/30/2016	Report End Date 8/30/2016	24hr Activity Summary TOOH w/ tbg while scanning. Attempt TIH w/ bit & tbg. Could not get bit started into csg.
Start Time 06:00	End Time 07:00	Comment Crew travel
Start Time 07:00	End Time 08:00	Comment Well was left flowing to production tanks over night, less than 50 psi on well. Pump 35 bbls production water down tbg to kill. Pump 20 bbls production water down csg to kill.
Start Time 08:00	End Time 16:00	Comment TOOH & scan tbg as follows: 424- jts 2-3/8" L-80 4.7# 8rd EUE tbg, "X" profile nipple, 1- jt 2-3/8" L-80 4.7# 8rd EUE tbg, "XN" profile nipple, 10' X 2-3/8" L-80 4.7# 8rd EUE tbg sub & WL re-entry guide. Heavy scale was found starting on jt #337, light scale was seen the rest of the way out w/ tbg and a few spots of heavier scale. Jt #395 started pulling wet due to tbg being plugged w/ scale on ID. 210- jts yellow band tbg, 102- jts blue band tbg & 113- jts red band tbg. LD all red band tbg.
Start Time 16:00	End Time 18:00	Comment MU new BHA as follows: 4-5/8" tri-cone bit, pump off bit sub, 10' X 2-3/8" L-80 4.7# 8rd EUE tbg sub, "XN" profile nipple w/ 1.875" profile, 1- jt 2-3/8" L-80 4.7# 8rd EUE tbg. Could not get bit to start into csg. Look in BOPs w/ flashlight and could not see anything that would prevent bit from starting into csg. SDFN. Leave well venting to tanks over night. Used 195 bbls of production water to kill well and keep dead during TOO H.
Start Time 18:00	End Time 19:00	Comment Crew travel
Report Start Date 8/31/2016	Report End Date 8/31/2016	24hr Activity Summary Dress up csg top w/ string mill. TIH w/ bit & tbg. Stack out on scale. Shut down & wait on acid.
Start Time 06:00	End Time 07:00	Comment Crew travel
Start Time 07:00	End Time 08:30	Comment PU RBS 4-5/8" string mill. Work string mill through top of csg w/ tbg tongs. Move string mill freely in and out of wellhead. LD string mill.

NEWFIELD**Summary Rig Activity****Well Name: Federal 13-24-9-18**

Start Time 08:30	End Time 13:00	Comment MU new BHA as follows: 4-5/8" tri-cone rock bit, pump off bit sub, 10' X 2-3/8" L-80 4.7# 8rd EUE tbg sub, "XN" profile nipple w/ 1.875" profile, 1- jt 2-3/8" L-80 4.7# 8rd EUE tbg (blue band), "X" profile nipple w/ 1.875" profile, 101- jts 2-3/8" L-80 4.7# 8rd EUE tbg (blue band), 210- jts 2-3/8" L-80 4.7# 8rd EUE tbg (yellow band). Tallied tbg & ran 1.901" API drift in tbg on sandline after each row of tbg ran out of the derrick.
Start Time 13:00	End Time 15:00	Comment Tally & PU 26- jts 2-3/8" L-80 4.7# 8rd EUE tbg (new). Stacked out on hard scale @ 11,084' KB (same place as scale was found on OD of tbg pulled). Work tbg for 30 min w/o gain, started to pull over and become sticky.
Start Time 15:00	End Time 15:30	Comment Decision was made to pump acid in morning to clear scale obstruction. LD 5- jts 2-3/8" L-80 4.7# 8rd EUE tbg to be above perfs. EOT @ 10,958' KB. SDFN. Leave well venting to tanks.
Start Time 15:30	End Time 16:30	Comment Crew travel
Report Start Date 9/1/2016	Report End Date 9/1/2016	24hr Activity Summary Pump acid to clear scale from csg. Continue TIH w/ tbg. Pump acid. LD tbg used to run past perfs.
Start Time 06:00	End Time 07:00	Comment Crew travel
Start Time 07:00	End Time 09:00	Comment Pump 20 bbls production water down tbg & 20 bbls down csg to kill well. Well analysis shot fluid level to help in spotting acid. Fluid level @ 6900'.
Start Time 09:00	End Time 10:00	Comment Pump 5 bbls 15% HCL down tbg. Displace acid w/ 14 bbls production water. Work tbg and pump additional 10 bbls of water until acid started to eat through scale. Work tbg to ensure obstruction was gone.
Start Time 10:00	End Time 15:00	Comment Tally & PU 144- jts 2-3/8" L-80 4.7# 8rd EUE tbg. Work each jt up 10' after TIH to ensure tbg was free. Run 1.901" API tbg drift on sandline after each row of tbg ran. TIH w/ bit to 14,804' KB. LD 1- jt tbg & place EOT @ 14,784' KB. Drop ball down tbg to pump off bit.
Start Time 15:00	End Time 15:30	Comment Pump 65 bbls production water treated w/ biocide, scavenger, scale inhibitor & corrosion inhibitor to pump off bit sub. No pressure was seen.
Start Time 15:30	End Time 17:30	Comment Pump 40 bbls 15% HCL followed by 105 bbls production water treated w/ biocide, scavenger, scale inhibitor & corrosion inhibitor.
Start Time 17:30	End Time 19:00	Comment LD 79- jts 2-3/8" L-80 4.7# 8rd EUE tbg. MU tbg hanger. Land tbg w/ EOT @ 12,336' KB. Secure hanger w/ landing pins. SWIFN. Pumped 225 bbls water for the day, total of 660 bbls water to recover.
Start Time 19:00	End Time 20:00	Comment Crew travel
Report Start Date 9/2/2016	Report End Date 9/2/2016	24hr Activity Summary ND BOPs. NU wellhead. Swab well.
Start Time 06:00	End Time 07:00	Comment Crew travel
Start Time 07:00	End Time 08:00	Comment Check pressure on well, 250 psi csg, 260 psi tbg. Blow down csg to tanks. Pump 50 bbls production water mixed w/ biocide, corrosion inhibitor, scale inhibitor & biocide to kill tbg. Remove landing subs & install TWCV.
Start Time 08:00	End Time 09:30	Comment ND BOPs
Start Time 09:30	End Time 10:30	Comment Install wellhead & production tree. Tbg landed w/ "X" nipple (1.875" profile) @ 12,290' KB, "XN" nipple (1.875" profile) @ 12,325' KB & EOT @ 12,337' KB.

NEWFIELD**Summary Rig Activity****Well Name: Federal 13-24-9-18**

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Start Time 10:30	End Time 11:30	Comment Pressure test production tree to 5000 psi for 10 min w/ 0 psi loss, record test on chart recorder. Remove TWCV.
Start Time 11:30	End Time 12:30	Comment Drop bumper spring down tbq. Did not have Bowen connection to tie in rig swab equipment. Wait on parts needed. RU swab equipment & run return hoses to swab tank.
Start Time 12:30	End Time 19:30	Comment RIH w/ sinker bars on sandline to ensure bumper sub was seated in X nipple @ 12,290'. Made 9 swab runs w/ SFL @ 7000' & EFL @ 6800'. Recovered 41 bbls water. Pressure on csg built up to 275 psi while swabbing.
Start Time 19:30	End Time 20:30	Comment Crew travel
Report Start Date 9/6/2016	Report End Date 9/6/2016	24hr Activity Summary Continue swab well to bring on flowing. Flow well through production equipment.
Start Time 06:00	End Time 07:00	Comment Crew travel
Start Time 07:00	End Time 11:00	Comment CK PRESS 1280- CSG, 23- TBG. OPEN TBG, RU SWAB. FIRST RUN FL @7000'. MAKE 7 RUNS LAST RUN FL @3200'. RECOV 26 BBLS, KICK WELL OFF FLOWING@ 11:00AM. TURN TO SURFACE EQUIP.
Start Time 11:00	End Time 16:30	Comment WATCH WELL FLOW FOR 1.5 HRS. SHOOT FLUID LEVEL, DROP PLUNGER @1:00PM. PLUNGER DIDN'T RETURN. WELL FLOWING, MAKING FLUID. WELL ANALYSIS, PUMPER WORKING ON WELL
Start Time 16:30	End Time 17:30	Comment Crew travel
Report Start Date 9/7/2016	Report End Date 9/7/2016	24hr Activity Summary Continue swab well to bring on flowing. Flow well through production equipment. RDMO WOR, FINAL REPORT!
Start Time 06:00	End Time 07:00	Comment Crew travel
Start Time 07:00	End Time 10:30	Comment CK PRESS 1145- CSG, 0- TBG, OPEN WELL. RU SWAB EQUIP, CHASE DOWN X-OVER FOR WELLHEAD. FIRST RUN FL@ 7000'. MAKE 3 RUNS, LAST RUN FL@ 2800'(CHASED OUT OF HOLE W/ 200 PSI ON TBG). RD SWAB EQUIP, RD FLOOR, TURN WELL OVER TO PUMPER, FAUCILITY
Start Time 10:30	End Time 11:30	Comment RDMO WOR. FINAL REPORT!